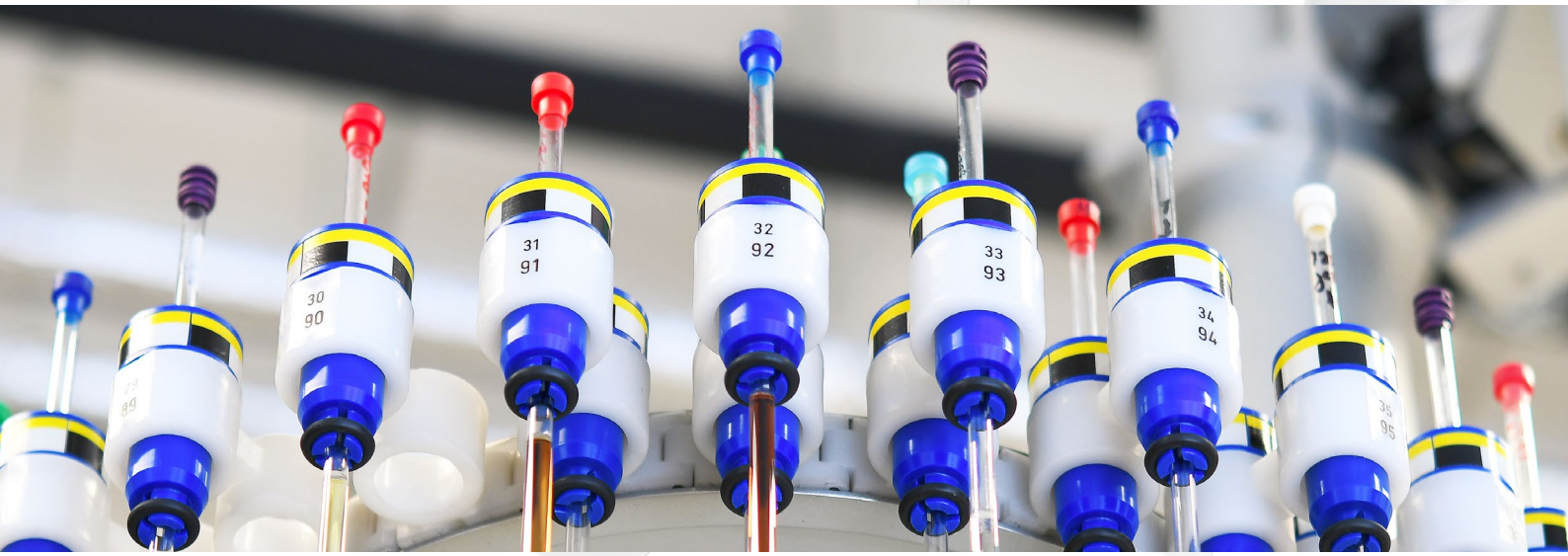
ZEOtope®



NMR Product Catalog

Chemistry. Pure. Efficient.

Your trusted partner in NMR-analytics for
NMR-Solvents, Deuterium Labeled Compounds & NMR-Tubes

ZEOCHEM®

A Company of CPH Group AG

ZEOtope®

Zeochem is a company of the CPH Group AG, with manufacturing roots in Switzerland dating back over 200 years. Through the acquisition of the Armar business in 2017, Zeochem inherited over 60 years of expertise in producing high-purity NMR solvents. We have embraced this legacy and further advanced the technology—now manufacturing deuterated compounds at our state-of-the-art facility in Rüti, Switzerland.

Our Swiss-made deuterated compounds reflect exceptional quality and precision. They are used as solvents in NMR spectroscopy and R&D, as well as deuterium sources for the synthesis of APIs and OLEDs.

We continuously update our product portfolio on www.zeotope.com, and remain committed to supporting your daily requirements and upcoming projects. Our strong culture of quality and customer service ensures we consistently deliver reliable products and responsive support.

With strategically located sales and technical experts, Zeochem provides timely responses and the expertise you need. ZEOtope products are available worldwide through our network of qualified distributors.

Flexible from pre-packed to BULK

Looking for specific packaging options?

Our products are available both pre-packed and in bulk, with packaging sizes ranging from 0.5 ml ampules up to 200L stainless steel drums. All containers are tested to ensure compatibility with the contents and comply with international shipping standards.

Visit www.zeotope.com to explore the full range of available packaging sizes for each product.

PRODUCTS

NMR Solvents & Deuterium Labeled Compounds

Product	CAS #	Purity	Material #	Package Size
Acetic acid-d	758-12-3	99.5 atom%D	300525	25 ml
Acetic acid-d_4	1186-52-3	99.5 atom%D	300483	10 x 0.75 ml
			300838	10 ml
Acetic anydride-d_6	11649-49-3	99.5 atom%D	300357	5 ml
Acetone-d_6	666-52-4	99.8 atom%D	300364	10 x 0.6 ml
			300484	10 x 0.75 ml
			300531	10 ml
			300820	25 ml
			300532	50 ml
		99.9 atom%D	300485	10 x 0.75 ml
			300366	25 ml
Acetonitrile-d_3	2206-26-0	99.5 atom%D	300541	25 ml
		99.8 atom%D	300836	10 x 0.6 ml
			300486	10 x 0.75 ml
			300542	10 ml
			300543	25 ml
		99.9 atom%D	300544	10 ml
Acetophenone-d_8	19547-00-3	98 atom%D	300548	5 ml
Acetylchloride-d_3	19259-90-6	99 atom%D	301693	5 ml (ampule)
Ammonia-d_3 solution, *25 wt% in Deuterium oxide*	12168-30-8	99.5 atom%D	300813	25 ml
Ammonium formate-d_5	65387-23-7	98 atom%D	300559	5 g
Aniline-2,3,4,5,6-d_5	4165-61-1	98 atom%D	300564	5 ml
Aniline-d_7	14545-23-4	98 atom%D	300566	5 ml
Benzene-d_6	1076-43-3	99.5 atom%D	301933	10 x 0.6 ml
			300464	10 x 0.75 ml
			300570	10 ml
			301240	25 ml
			300571	50 ml
			300815	100 ml
		99.8 atom%D	301925	10 x 0.6 ml
			300572	10 x 0.75 ml
Biphenyl-d_{10}	1486-01-7	99 atom%D	300578	1 g
Bromobenzene-d_5	4165-57-5	99.5 atom%D	300580	10 ml
Bromoform-d, *stabilized with Cu*	2909-52-6	99.5 atom%D	300583	10 g
Chlorobenzene-d_5	3114-55-4	99 atom%D	300585	5 ml

Product	CAS #	Purity	Material #	Package Size
Chloroform-d	865-49-6	99.8 atom%D	301934	10 x 0.6 ml
			300586	10 x 0.75 ml
			300816	100 ml
Chloroform-d, *stabilized with Ag*	865-49-6	99.8 atom%D	300349	25 ml
			300588	100 ml
			300590	500 ml
Chloroform-d, *contains 0.03 v/v% TMS*	865-49-6	99.8 atom%D	301772	10 x 0.6 ml
			300489	10 x 0.75 ml
			300465	100 ml
Chloroform-d, *contains 0,.03 v/v% TMS, stabilized with Ag*	865-49-6	99.8 atom%D	300584	100 ml
			301367	500 ml
Cyclohexane-d_{12}	1735-17-7	99.5 atom%D	300593	5 ml
Deuterium chloride, *1 M in Deuterium oxide*	7698-05-7	99.8 atom%D	300597	100 ml
Deuterium chloride, *20 wt% in Deuterium oxide*	7698-05-7	99.5 atom%D	300600	25 ml
Deuterium chloride, *35 wt% in Deuterium oxide*	7698-05-7	99.5 atom%D	300602	50 ml
Deuterium oxide (D_2O)	7789-20-0	99.9 atom%D	301935	10 x 0.6 ml
			301400	10 x 0.75 ml
			301496	10 ml
			300367	10 ml (septum)
			301401	25 ml
			300368	100 ml
			301485	500 ml
			301689	1 L
		99.95 atom%D	301936	10 x 0.6 ml
			300616	10 x 0.75 ml
			300369	100 ml
1,4-Dibromobenzene-d_4	4165-56-4	99 atom%D	300634	5 g
1,2-Dichlorobenzene-d_4	2199-69-1	99 atom%D	300628	5 ml
1,4-Dichlorobenzene-d_4	3855-82-1	98 atom%D	300636	5 g
Dichloromethane-d_2	1665-00-5	99.5 atom%D	300643	5 ml
			300622	10 ml
			300641	25 ml
		99.8 atom%D	301937	10 x 0.6 ml
			300492	10 x 0.75 ml
			300355	10 ml
			301213	25 ml
Dimethyl-d_6-amine hydrochloride (DMA-d_6 x HCl)	53170-19-7	99.5 atom%D	300649	10 g
Dimethylcarbonate-d_6 (DMC-d_6)	108481-44-3	99.5 atom%D	300650	1 ml

Product	CAS #	Purity	Material #	Package Size
N,N-Dimethylformamide-d_7 (DMF-d_7)	4472-41-7	99.5 atom%D	301945	10 x 0.6 ml
			300506	10 x 0.75 ml
			300844	1 ml
			300729	5 ml
			300727	10 ml
			300728	25 ml
Dimethyl sulfoxide-d_6 (DMSO-d_6)	2206-27-1	99.8 atom%D	301938	10 x 0.6 ml
			300408	10 x 0.75 ml
			300371	10 ml
			301403	10 ml (septum)
			300372	25 ml
			300351	50 ml
			300373	100 ml
		99.9 atom%D	300495	10 x 0.75 ml
			300657	10 ml
			300658	25 ml
			300659	50 ml
			300849	100 ml
		99.95 atom%D	301686	10 x 0.6 ml
			300496	10 x 0.75 ml
Dimethyl sulfoxide-d_6 (DMSO-d_6), *contains 0.03 v/v% TMS*	2206-27-1	99.8 atom%D	301943	10 x 0.6 ml
			300497	10 x 0.75 ml
			300660	10 ml
			300661	25 ml
			300817	50 ml
		99.9 atom%D	300500	10 x 0.75 ml
			300662	10 ml
			300863	100 ml
		99.95 atom%D	301942	10 x 0.6 ml
			301531	10 x 0.75 ml
Ethanol-OD	925-93-9	99.5 atom%D	300666	50 ml
Ethanol-d_6	1516-08-1	99 atom%D	301584	10 ml
Fluorobenzene-d_5	1423-10-5	98 atom%D	300676	1 g
Formic-d acid, *95 wt% in Water*	917-71-5	98 atom%D	300679	5 ml
Formic acid-d, *95 wt% in Deuterium oxide*	925-94-0	98 atom%D	300678	5 ml
Formic acid-d_2, *95 wt% in Deuterium oxide*	920-42-3	99 atom%D	301604	5 ml
Iodomethane-d_3, *stab. with Cu*	865-50-9	99.5 atom%D	300693	25 g
Methanol-OD	1455-13-6	99.5 atom%D	300705	100 ml
Methanol-d_3 (Methyl-d_3 alcohol)	1849-29-2	99.5 atom%D	301295	5 ml

Product	CAS #	Purity	Material #	Package Size
Methanol-d_4	811-98-3	99.8 atom%D	300503 300504 300709 300467 300375 300712 300710	10 x 0.6 ml 10 x 0.75 ml 10 ml 10 ml (septum) 25 ml 50 ml 100 ml
Methanol-d_4, *contains 0.03 v/v% TMS*	811-98-3	99.8 atom%D	300845 300501 300707	10 x 0.6 ml 10 x 0.75 ml 10 ml
NEW Methyl-d_3-amine hydrochloride	7436-22-8	99 atom%D	302480	1 g
Nitrobenzene-d_5	4165-60-0	99.5 atom%D	300734	10 ml
Nitromethane-d_3	13031-32-8	99.5 atom%D	300738	10 ml
Phenyl-d_5-boronic acid	215527-70-1	98 atom%D	300744	1 g
Phosphoric acid-d_3, *85 wt% in Deuterium oxide*	14335-33-2	99 atom%D	300746	25 ml
Potassium deuteroxide, *30 wt% in Deuterium oxide*	24572-01-8	99.8 atom%D	300748	25 ml
2-Propanol-OD	3979-51-9	98 atom%D	300519	25 ml
2-Propanol-d_8	22739-76-0	99.5 atom%D	300521	5 ml
Pyridine-d_5	7291-22-7	99.5 atom%D	301939 300507 300750	10 x 0.6 ml 10 x 0.75 ml 10 ml
Sodium acetate-d_3	39230-37-0	99 atom%D	300764	5 g
Sodium borodeuteride	15681-89-7	98 atom%D	300754	5 g
Sodium deuteroxide, *1M in Deuterium oxide*	14014-06-3	99.8 atom%D	300756	100 ml
Sodium deuteroxide, *30 wt% in Deuterium oxide*	14014-06-3	99.5 atom%D	300757	10 ml
Sodium deuteroxide, *40 wt% in Deuterium oxide*	14014-06-3	99.9 atom%D	300760	10 ml
Sodium formate-d	3996-15-4	99.5 atom%D	300762	10 g
Styrene-d_8, *stab. with 0.5 wt% 4-tert-Butylcatechol*	19361-62-7	98 atom%D	300769	5 g
Sulfuric acid-d_2, *98 wt% in Deuterium oxide*	13813-19-9	99.5 atom%D	300774	50 ml
Tetrachloroethane-d_2 (TCE-d_2)	33685-54-0	99.5 atom%D	301940 300778 300779	10 x 0.6 ml 10 x 0.75 ml 10 ml
Tetrahydrofuran-d_8 (THF-d_8)	1693-74-9	99.5 atom%D	300376 300377 300782	10 x 0.75 ml 10 ml 25 ml
Tetramethylsilane (TMS)	75-76-3	99.9% (GC)	300785	25 ml
Toluene-d_8	2037-26-5	99.5 atom%D	301941 300787 300788	10 x 0.6 ml 10 x 0.75 ml 10 ml
1,3,5-Trichlorobenzene-d_3	1198-60-3	98 atom%D	300632	1 g
Trifluoroacetic acid-d (TFA-d)	599-00-8	99.5 atom%D	300794	10 x 0.75 ml

Product	CAS #	Purity	Material #	Package Size
3-(Trimethylsilyl)-1-propanesulfonic acid sodium salt (DSS)	2039-96-5	confirm to ^{1}H-NMR	300523	5 g
3-(Trimethylsilyl)propionic-2,2,3,3-d_4 acid sodium salt (TSP-d_4)	24493-21-8	99 atom%D	300454	1 g
Urea-d_4	1433-11-0	98 atom%D	300795	25 g
1,2-Xylene-d_{10}	56004-61-6	99 atom%D	300631	5 ml

NMR-Tubes & Accessories

Product	Material #	Package Size
ZEOtube, 5 TA (Throw Away), Ø = 5 mm, l = 178 mm, orange caps included	400490	100 PC
ZEOtube, 5 HP (400 MHz, High Precision), Ø = 5 mm, l = 178 mm, sky caps included	400491	5 PC
ZEOtube, 5 UP (600 MHz, Ultra Precision), Ø = 5 mm, l = 178 mm, black caps included	400492	5 PC
Caps for 5 mm NMR-Tubes, color: black	400039	100 PC
Caps for 5 mm NMR-Tubes, color: orange	400042	100 PC
Caps for 5 mm NMR-Tubes, color: sky	400051	100 PC
ZEOtope Ampoule Opener	400440	1 PC

ZEOtube, "The Reference" regarding NMR-Tubes!

The NMR-Tubes are a great addition to our variety of products. The tubes are manufactured in accordance with the highest quality standards, granting full transparency through batch allocation. ZEOtubes are available in three of the most commonly used tube types – Throw Away (TA), High Precision – 400 MHz (HP), and Ultra Precision - 600 MHz (UP), each with a 5mm diameter and a length of 178mm.

Try the ZEOtope® Ampoule Opener!

This tool aids in handling ampoules and protects the user from potential safety injuries when opening. Made of high-quality aluminum, the ampoule opener is also easy to use and is made for durability.

Did you know that ZEOCHEM has other product groups in its portfolio in addition to isotope chemistry?

- Chromatography Gels
  www.purifications.com
- Molecular Sieves & Specialty Zeolites
  www.zeochem.com

Let's Collaborate on Your Next Project

Partner with Zeochem to bring your pharmaceutical innovations to life. **Contact us today** to discuss your ongoing projects – we're here to help.

The ZEOCHEM Team

ZEOCHEM has Sales, R&D, and Manufacturing locations throughout the world to better serve our customers.

● Sales ● Manufacturing ● Research & Development

ZEOCHEM® cph group

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ZEOCHEM AG is ISO 9001:2015 certified

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