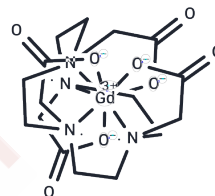


Gadoteric acid

Chemical Properties

CAS No. :	72573-82-1
Formula:	C ₁₆ H ₂₅ GdN ₄ O ₈
Molecular Weight:	558.64
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Gadoteric acid, a macrocyclic, paramagnetic, gadolinium-based contrast agent, is used for magnetic resonance imaging (MRI) of the brain, spine, and related tissues. It specifically detects and visualizes areas of blood-brain barrier disruption and abnormal vascular distribution [1] [2].
Targets(IC50)	Others
In vitro	Gadoteric acid enhances contrast, visibility of early enhancement, and washout intensity in DCE-MRI of hepatocellular carcinoma, particularly in highly vascular lesions [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7901 mL	8.9503 mL	17.9006 mL
5 mM	0.358 mL	1.7901 mL	3.5801 mL
10 mM	0.179 mL	0.895 mL	1.7901 mL
50 mM	0.0358 mL	0.179 mL	0.358 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481