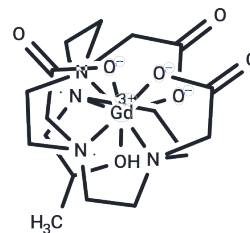


## Gadoteridol

## Chemical Properties

CAS No. :	120066-54-8
Formula:	C <sub>17</sub> H <sub>29</sub> GdN <sub>4</sub> O <sub>7</sub>
Molecular Weight:	558.69
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Gadoteridol (Gd-HP-DO3A) is a gadolinium-based MRI contrast agent that can be used for central nervous system imaging.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: 280 mg/mL (501.17 mM), Sonication is recommended. DMSO: 100 mg/mL (178.99 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7899 mL	8.9495 mL	17.899 mL
5 mM	0.358 mL	1.7899 mL	3.5798 mL
10 mM	0.179 mL	0.895 mL	1.7899 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.

## Reference

Krishan Kumar et al. Gadoteridol. Analytical Profiles of Drug Substances and Excipients, Academic Press, Volume 24, 1996, Pages 209-241,

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