

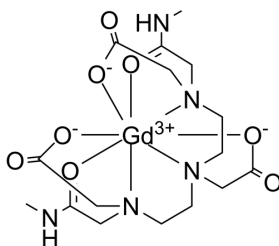
## Gadodiamide

Cat. No.:	HY-B0787
CAS No.:	131410-48-5
Batch No.:	33357
Chemical Name:	Gadolinium, [5,8-bis[(carboxy-κO)methyl]-11-[2-(methylamino)-2-(oxo-κO)ethyl]-3-(oxo-κO)-2,5,8,11-tetraazatridecan-13-oato(3-)-κN5,κN8,κN11,κO13]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>16</sub> H <sub>26</sub> GdN <sub>5</sub> O <sub>8</sub>
Molecular Weight:	573.66
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
Purity:	99.50%
Microbial Limits:	20cfu/g
Bacterial Endotoxins:	<3.5Eu/mg
Water Content:	9.12%
Limit of free Diethylenetriamine	≤0.3%
pentaacetic acidbismethylamide:	0.05%
Acetone:	0.02%
Ethyl Alcohol:	0.001%
Isopropyl Alcohol:	0.002%
Total Impurity:	0.02%
Impurity A:	0.1%
Impurity B:	0.15%
Individual Impurity:	0.15%
Total Impurity:	0.13%
Content of Gadolinium:	28.5%

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**Conclusion:**

The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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