

Iomeprol

Chemical Properties

CAS No. :	78649-41-9
Formula:	C17H22I3N3O8
Molecular Weight:	777.09
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Iomeprol is a non-ionic iodinated X-ray contrast agent with low osmolality and good chemical stability. Clinically, Iomeprol is widely used for angiography and contrast-enhanced computed tomography (CT), and can also be applied in cavity imaging such as the urinary tract.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 80 mg/mL (102.95 mM), Sonication is recommended. H2O: 100 mg/mL (128.69 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	1.2869 mL	6.4343 mL	12.8685 mL
5 mM	0.2574 mL	1.2869 mL	2.5737 mL
10 mM	0.1287 mL	0.6434 mL	1.2869 mL
50 mM	0.0257 mL	0.1287 mL	0.2574 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.

Reference

Chengdu Lijing Technology, et al. Method for preparing Iomeprol. China, CN107253918 A 2017-10-17.

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