

Ioxitalamic Acid

Chemical Properties

CAS No.:	28179-44-4
Formula:	C ₁₂ H ₁₁ I ₃ N ₂ O ₅
Molecular Weight:	643.94
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Ioxitalamic Acid is a medical contrast medium. It enhances the contrast of structures or fluids within the body in medical imaging.
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Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.553 mL	7.765 mL	15.529 mL
5 mM	0.311 mL	1.553 mL	3.106 mL
10 mM	0.155 mL	0.776 mL	1.553 mL
50 mM	0.031 mL	0.155 mL	0.311 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Roux FA, Deschamps JY. Inadvertent intrathecal administration of ionic contrast medium to a dog. Vet Radiol Ultrasound. 2007 Sep-Oct;48(5):414-7. Review. PubMed PMID: 17899973.
2. van der Leede H, Jorens PG, Parizel P, Cras P. Inadvertent intrathecal use of ionic contrast agent. Eur Radiol. 2002 Dec;12 Suppl 3:S86-93. Epub 2002 Jun 4. Review. PubMed PMID: 12522612.
3. Sergeev PV, Sviridov NK, Poliaev IuA, Shimanovski NL. [Diagnostic effectiveness and safety of currently available X-ray contrast media]. Vestn Rentgenol Radiol. 1999 Nov-Dec;(6):45-9. Review. Russian. PubMed PMID: 10714233.

Inhibitors · Natural Compounds · Compound Libraries

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