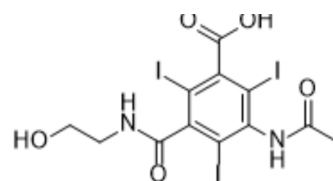


## Ioxitalamic acid

Cat. No.:	HY-125695
CAS No.:	28179-44-4
Molecular Formula:	C <sub>12</sub> H <sub>11</sub> I <sub>3</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	643.94
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (77.65 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM	1.5529 mL	7.7647 mL	15.5294 mL	
		5 mM	0.3106 mL	1.5529 mL	3.1059 mL	
		10 mM	0.1553 mL	0.7765 mL	1.5529 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (1.94 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (1.94 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	Ioxitalamic acid is a water-soluble, nephrophilic, highly permeable X-ray iodinated contrast media <sup>[1]</sup> .
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### REFERENCES

[1]. Lopez-Prieto IJ, et al. A direct injection liquid chromatography tandem mass spectrometry method for the kinetic study on iodinated contrast media (ICMs) removal in natural water. Chemosphere. 2020 Mar;243:125311.

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

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