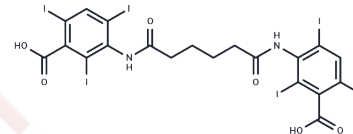


## Iodipamide

## Chemical Properties

CAS No. :	606-17-7
Formula:	C <sub>20</sub> H <sub>14</sub> I <sub>6</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	1139.76
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Iodipamide (Iodipamic acid) is a water-soluble radiographic contrast media for intravenous cholangiography and cholecystography.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: < 0.1 mg/mL (insoluble), DMSO: 125 mg/mL (109.67 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (3.51 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8774 mL	4.3869 mL	8.7738 mL
5 mM	0.1755 mL	0.8774 mL	1.7548 mL
10 mM	0.0877 mL	0.4387 mL	0.8774 mL
50 mM	0.0175 mL	0.0877 mL	0.1755 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

Fidler JL, et al. AJR Am J Roentgenol. 2013 Aug; 201(2):W271-82.

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