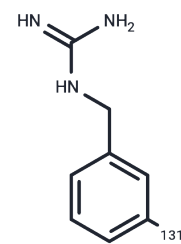


Iobenguane I 131

Chemical Properties

CAS No. :	77679-27-7
Formula:	C ₈ H ₁₀ N ₃
Molecular Weight:	279.09
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	Iobenguane I 131 is a guanidine analog with specific affinity for tissues of the sympathetic nervous system and related tumors. The radiolabeled forms are used as antineoplastic agents and radioactive imaging agents. MIBG serves as a neuron-blocking agent which has a strong affinity for, and retention in, the adrenal medulla and also inhibits ADP-ribosyltransferase.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5831 mL	17.9154 mL	35.8307 mL
5 mM	0.7166 mL	3.5831 mL	7.1661 mL
10 mM	0.3583 mL	1.7915 mL	3.5831 mL
50 mM	0.0717 mL	0.3583 mL	0.7166 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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