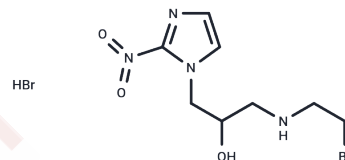


RB 6145

Chemical Properties

CAS No. : 129448-97-1
 Formula: C₈H₁₄Br₂N₄O₃
 Molecular Weight: 374.03
 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	RB 6145 is a bifunctional nitroimidazole, a prodrug of the hypoxic cell radiosensitizer RSU 1069, which has reduced toxicity compared to RSU 1069. It has hypoxic cell preferential cytotoxicity and antitumor therapeutic activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6736 mL	13.3679 mL	26.7358 mL
5 mM	0.5347 mL	2.6736 mL	5.3472 mL
10 mM	0.2674 mL	1.3368 mL	2.6736 mL
50 mM	0.0535 mL	0.2674 mL	0.5347 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

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