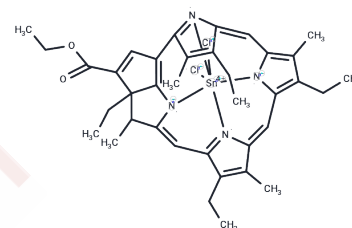


Rostaporfin

Chemical Properties

CAS No. :	284041-10-7
Formula:	C ₃₇ H ₄₂ Cl ₂ N ₄ O ₂ Sn
Molecular Weight:	764.37
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	Rostaporfin (also known as REM-001, tin ethyl etiopurpurin, Sn(IV) etiopurpurin, Purlytin, SnET2), is a synthetic purpurin with photosensitizing activity. Rostaporfin preferentially accumulates in tumor cells due to an increased rate of metabolism. Upon exposure to a light source, this agent absorbs light, forming an extended high energy conformational state that produces high quantum yields of singlet oxygen with local cytotoxic effects.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3083 mL	6.5413 mL	13.0827 mL
5 mM	0.2617 mL	1.3083 mL	2.6165 mL
10 mM	0.1308 mL	0.6541 mL	1.3083 mL
50 mM	0.0262 mL	0.1308 mL	0.2617 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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