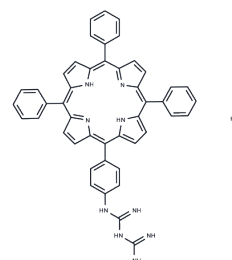


Biguanidinium-porphyrin

Chemical Properties

CAS No. :	1014978-87-0
Formula:	C ₄₆ H ₃₆ ClN ₉
Molecular Weight:	750.29
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Biguanidinium-porphyrin is a phototoxic agent with anti-proliferative activity.
Targets(IC50)	Others
In vitro	Biguanidinium-porphyrin inhibits the proliferation of human carcinoma HEP2 cells with IC50 of 8.2 μ M at 1 J cm ⁻² .

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3328 mL	6.6641 mL	13.3282 mL
5 mM	0.2666 mL	1.3328 mL	2.6656 mL
10 mM	0.1333 mL	0.6664 mL	1.3328 mL
50 mM	0.0267 mL	0.1333 mL	0.2666 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.

Reference

Sibrian-Vazquez M, Nesterova IV, Jensen TJ, Vicente MG. Mitochondria targeting by guanidine- and biguanidine-porphyrin photosensitizers. Bioconjug Chem. 2008 Mar;19(3):705-13.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481