

YRN84347

Chemical Properties

CAS No. : 74684-34-7
Formula: C₅₂H₄₆N₄O₈
Molecular Weight: 854.944
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	YRN84347, also known as meso-Tetra (3,5-dimethoxyphenyl) porphine, is a synthetic porphyrin compound and photosensitizer. With a high yield of singlet oxygen, this compound shows potential applications in photodynamic therapy for cancer and other related human diseases.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1697 mL	5.8484 mL	11.6967 mL
5 mM	0.2339 mL	1.1697 mL	2.3393 mL
10 mM	0.117 mL	0.5848 mL	1.1697 mL
50 mM	0.0234 mL	0.117 mL	0.2339 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.

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