

3,4,9,10-Perylenetetracarboxylic-diimide

Chemical Properties

CAS No. :	81-33-4
Formula:	C ₂₄ H ₁₀ N ₂ O ₄
Molecular Weight:	390.35
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	3,4,9,10-Perylenetetracarboxylic-diimide (PTCDI), a dimethylimine and organic heteropolycyclic compound, finds application in biological dyes and indicators [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5618 mL	12.809 mL	25.618 mL
5 mM	0.5124 mL	2.5618 mL	5.1236 mL
10 mM	0.2562 mL	1.2809 mL	2.5618 mL
50 mM	0.0512 mL	0.2562 mL	0.5124 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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