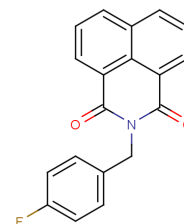


hCYP3A4 Fluorogenic substrate 1

Chemical Properties

CAS No. : 186299-00-3
Formula: C₁₉H₁₂FN₂O₂
Molecular Weight: 305.3
Appearance: no data available
Storage: keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	hCYP3A4 Fluorogenic substrate 1 is a phthalimide derivative and shows low activity against COX.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2755 mL	16.3773 mL	32.7547 mL
5 mM	0.6551 mL	3.2755 mL	6.5509 mL
10 mM	0.3275 mL	1.6377 mL	3.2755 mL
50 mM	0.0655 mL	0.3275 mL	0.6551 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

Alanazi AM, El-Azab AS, Al-Suwaidan IA, ElTahir KE, Asiri YA, Abdel-Aziz NI, Abdel-Aziz AA. Structure-based design of phthalimide derivatives as potential cyclooxygenase-2 (COX-2) inhibitors: anti-inflammatory and analgesic

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