

Rf470DL

Chemical Properties

CAS No. : 2758364-03-1
Formula: C₂₆H₃₁ClN₄O₅
Molecular Weight: 547.07
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	Rf470DL, a rotor-fluorogenic D-amino acid (RfDAA), serves as a bacterial labeling agent, exhibiting an excitation wavelength (Ex) of 470 nm and an emission wavelength (Em) of 640 nm [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8279 mL	9.1396 mL	18.2792 mL
5 mM	0.3656 mL	1.8279 mL	3.6558 mL
10 mM	0.1828 mL	0.914 mL	1.8279 mL
50 mM	0.0366 mL	0.1828 mL	0.3656 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.

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