

RK-52

Chemical Properties

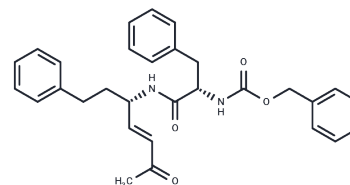
CAS No. : 2127401-37-8

Formula: C₃₀H₃₂N₂O₄

Molecular Weight: 484.59

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	RK-52 is a synthetic inhibitor of rhodesain, characterized by an impressive ksecond value (ksecond = 67000 × 10 ³ M ⁻¹ min ⁻¹) and by a picomolar affinity toward the trypanosomal protease (K _i = 38 pM).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0636 mL	10.318 mL	20.636 mL
5 mM	0.4127 mL	2.0636 mL	4.1272 mL
10 mM	0.2064 mL	1.0318 mL	2.0636 mL
50 mM	0.0413 mL	0.2064 mL	0.4127 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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