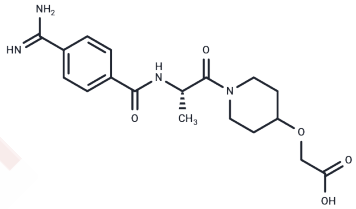
Data Sheet (Cat.No.T202774)

TargetMol

Ro 44-3888

Chemical Properties



CAS No. : 144412-18-0

Formula: C18H24N4O5

Molecular Weight: 376.41

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	Ro 44-3888, the active component of sibrafiban, achieves predictable plasma concentrations when administered orally in its prodrug form, Ro 48-3657. Upon reaching a steady state after the second dose, Ro 44-3888 exhibits concentration-dependent inhibition of platelet aggregation and prolongs bleeding time. These findings suggest that Ro 44-3888 merits further evaluation, especially in patients at high risk of arterial thrombosis and those with acute coronary syndrome, due to its reliable absorption.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6567 mL	13.2834 mL	26.5668 mL
5 mM	0.5313 mL	2.6567 mL	5.3134 mL
10 mM	0.2657 mL	1.3283 mL	2.6567 mL
50 mM	0.0531 mL	0.2657 mL	0.5313 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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