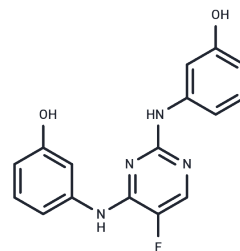


R112

Chemical Properties

CAS No. : 575474-82-7
 Formula: C₁₆H₁₃FN₄O₂
 Molecular Weight: 312.3
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	R112 is an ATP-competitive inhibitor of Syk kinase. $K_i=6$ nM, $IC_{50}=226$ nM.
Targets(IC_{50})	Syk

Solubility Information

Solubility	DMSO: 55 mg/mL (176.11 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.202 mL	16.0102 mL	32.0205 mL
5 mM	0.6404 mL	3.202 mL	6.4041 mL
10 mM	0.3202 mL	1.601 mL	3.202 mL
50 mM	0.064 mL	0.3202 mL	0.6404 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

Rossi AB, et al. J Allergy Clin Immunol. 2006 Sep;118(3):749-55.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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