

PPY A

Chemical Properties

CAS No.:	875634-01-8
Formula:	C ₂₂ H ₂₀ N ₄ O ₂
Molecular Weight:	372.42
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	PPY A is an effective inhibitor of T315I mutant and wild-type Abl kinases (IC ₅₀ : 9 and 20 nM, respectively). PPY A also inhibits the growth of cells transformed with either the Bcr-Abl T315I mutant or wild-type Bcr-Abl gene.
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Solubility Information

Solubility	DMSO: <37.24mg/ml (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.685 mL	13.426 mL	26.851 mL
5 mM	0.537 mL	2.685 mL	5.37 mL
10 mM	0.269 mL	1.343 mL	2.685 mL
50 mM	0.054 mL	0.269 mL	0.537 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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