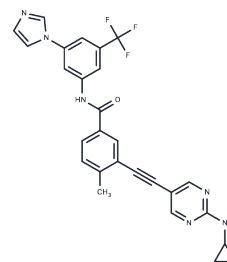


S116836

## Chemical Properties

CAS No. : 1257628-57-1  
 Formula: C<sub>27</sub>H<sub>21</sub>F<sub>3</sub>N<sub>6</sub>O  
 Molecular Weight: 502.49  
 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	S116836 is a tyrosine kinase inhibitor.
Targets(IC50)	Apoptosis,Others,Bcr-Abl,PDGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9901 mL	9.9504 mL	19.9009 mL
5 mM	0.398 mL	1.9901 mL	3.9802 mL
10 mM	0.199 mL	0.995 mL	1.9901 mL
50 mM	0.0398 mL	0.199 mL	0.398 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.

## Reference

Shen Y, Ren X, Ding K, Zhang Z, Wang D, Pan J. Antitumor activity of S116836, a novel tyrosine kinase inhibitor, against imatinib-resistant FIP1L1-PDGFR $\alpha$ -expressing cells. *Oncotarget*. 2014 Nov 15;5(21):10407-20. PubMed PMID: 25431951; PubMed Central PMCID: PMC4279382.

Bu Q, Cui L, Li J, Du X, Zou W, Ding K, Pan J. SAHA and S116836, a novel tyrosine kinase inhibitor, synergistically induce apoptosis in imatinib-resistant chronic myelogenous leukemia cells. *Cancer Biol Ther*. 2014 Jul;15(7):951-62. doi: 10.4161/cbt.28931. Epub 2014 Apr 23. PubMed PMID: 24759597; PubMed Central PMCID: PMC4100996.

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