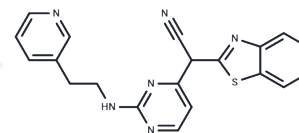
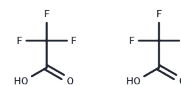


AS601245.2TFA (345987-15-7 free base)

## Chemical Properties

CAS No. : 345987-16-8  
 Formula: C<sub>24</sub>H<sub>18</sub>F<sub>6</sub>N<sub>6</sub>O<sub>4</sub>S  
 Molecular Weight: 600.50  
 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	AS601245.2TFA (345987-15-7 free base) (AS601245.2TFA) is a cell-permeable Inhibitor of JNK (IC <sub>50</sub> s of 150, 220, and 70 nM for hJNK1, hJNK2, and hJNK3, respectively).
Targets(IC <sub>50</sub> )	JNK

## Solubility Information

Solubility	DMSO: 60 mg/mL (99.92 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	1.6653 mL	8.3264 mL	16.6528 mL
5 mM	0.3331 mL	1.6653 mL	3.3306 mL
10 mM	0.1665 mL	0.8326 mL	1.6653 mL
50 mM	0.0333 mL	0.1665 mL	0.3331 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

- Cerbone A, et al. AS601245, an Anti-Inflammatory JNK Inhibitor, and Clofibrate Have a Synergistic Effect in Inducing Cell Responses and in Affecting the Gene Expression Profile in CaCo-2 Colon Cancer Cells. PPAR Res. 2012; 2012:269751.
- Carboni S, et al. AS601245 (1,3-benzothiazol-2-yl (2-[[2-(3-pyridinyl) ethyl] amino]-4 pyrimidinyl) acetonitrile): a c-Jun NH<sub>2</sub>-terminal protein kinase inhibitor with neuroprotective properties. J Pharmacol Exp Ther. 2004 Jul;310(1): 25-32.

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