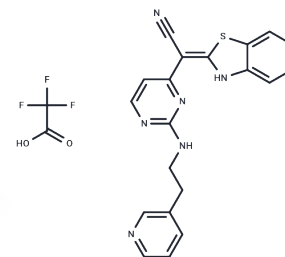


Iso-AS601245 trifluoroacetate

Chemical Properties

CAS No. :	1644386-60-6
Formula:	C22H17F3N6O2S
Molecular Weight:	486.47
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	Iso-AS601245 trifluoroacetate is an isomer of AS601245, an ATP-competitive and selective JNK inhibitor with IC ₅₀ values of 150/220/70 nM for hJNK1/2/3, and exhibits neuroprotective effects.
Targets(IC50)	JNK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0556 mL	10.2781 mL	20.5563 mL
5 mM	0.4111 mL	2.0556 mL	4.1113 mL
10 mM	0.2056 mL	1.0278 mL	2.0556 mL
50 mM	0.0411 mL	0.2056 mL	0.4111 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

- Gaillard P, Jeanclaude-Etter I, Ardisson V, et al. Design and synthesis of the first generation of novel potent, selective, and in vivo active (benzothiazol-2-yl) acetonitrile inhibitors of the c-Jun N-terminal kinase[J]. Journal of medicinal chemistry, 2005, 48(14): 4596-4607.
- van den Akker E, et al. The Btk inhibitor LFM-A13 is a potent inhibitor of Jak2 kinase activity. Biol Chem. 2004 May; 385(5):409-13.

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