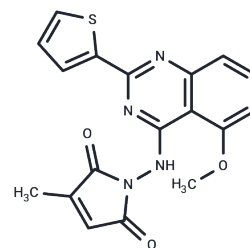


SPC-839

Chemical Properties

CAS No. : 219773-55-4
 Formula: C₁₈H₁₄N₄O₃S
 Molecular Weight: 366.39
 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	SPC-839 is an IKK-2 Inhibitor with oral activity.
Targets(IC50)	Others,NF-κB,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7293 mL	13.6467 mL	27.2933 mL
5 mM	0.5459 mL	2.7293 mL	5.4587 mL
10 mM	0.2729 mL	1.3647 mL	2.7293 mL
50 mM	0.0546 mL	0.2729 mL	0.5459 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

- Verstrepen L, Beyaert R. Receptor proximal kinases in NF-κB signaling as potential therapeutic targets in cancer and inflammation. *Biochem Pharmacol.* 2014 Dec 15;92(4):519-29. doi: 10.1016/j.bcp.2014.10.017. Epub 2014 Nov 7. Review. PubMed PMID: 25449604.
- Ye N, Ding Y, Wild C, Shen Q, Zhou J. Small molecule inhibitors targeting activator protein 1 (AP-1). *J Med Chem.* 2014 Aug 28;57(16):6930-48. doi: 10.1021/jm5004733. Epub 2014 May 27. PubMed PMID: 24831826; PubMed Central PMCID: PMC4148154.
- Park CH, Lee C, Yang JS, Joe BY, Chun K, Kim H, Kim HY, Kang JS, Lee JI, Kim MH, Han G. Discovery of thienopyrimidine-based FLT3 inhibitors from the structural modification of known IKKβ inhibitors. *Bioorg Med Chem Lett.* 2014 Jun 15;24(12):2655-60. doi: 10.1016/j.bmcl.2014.04.058. Epub 2014 Apr 24. PubMed PMID: 24813730.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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