

SMI-6860766

Chemical Properties

CAS No. :	433234-16-3
Formula:	C ₁₅ H ₁₁ BrClNO
Molecular Weight:	336.61
Storage:	Keep away from direct sunlight, Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	SMI-6860766 is a blocker of CD40-Traf6 interactions and has been reported to ameliorate complications associated with diet-induced obesity in mice. The ability of SMI-6860766 to modulate CD40-Traf6 signaling supports its application in research involving immune-metabolic interactions, inflammatory pathways, obesity-associated biological processes, and CD40-mediated signaling networks.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9708 mL	14.854 mL	29.708 mL
5 mM	0.5942 mL	2.9708 mL	5.9416 mL
10 mM	0.2971 mL	1.4854 mL	2.9708 mL
50 mM	0.0594 mL	0.2971 mL	0.5942 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

van den Berg SM, Seijkens TT, Kusters PJ, Zarzycka B, Beckers L, den Toom M, Gijbels MJ, Chatzigeorgiou A, Weber C, de Winther MP, Chavakis T, Nicolaes GA, Lutgens E. Blocking CD40-TRAF6 interactions by small-molecule inhibitor 6860766 ameliorates the complications of diet-induced obesity in mice. *Int J Obes (Lond)*. 2015 May;39(5):782-90. doi: 10.1038/ijo.2014.198. Epub 2014 Nov 13. PubMed PMID: 25394307.

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