

AZ-4217

Chemical Properties

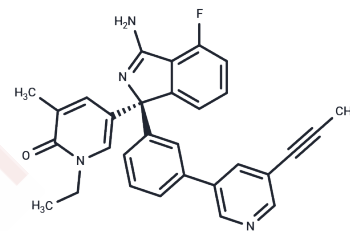
CAS No. : 1383846-83-0

Formula: C30H25FN4O

Molecular Weight: 476.54

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	AZ-4217 is a high potency BACE inhibitor. It displays acute central efficacy in different in vivo models and reduced amyloid deposition in Tg2576 mice. AZ-4217 has IC50 160 pM in human SH-SY5Y cells with an excellent in vivo efficacy.
Targets(IC50)	Others, Beta-Secretase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0985 mL	10.4923 mL	20.9846 mL
5 mM	0.4197 mL	2.0985 mL	4.1969 mL
10 mM	0.2098 mL	1.0492 mL	2.0985 mL
50 mM	0.042 mL	0.2098 mL	0.4197 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

Eketjäll S, Janson J, Jeppsson F, Svanhagen A, Kolmodin K, Gustavsson S, Radesäter AC, Eliason K, Briem S, Appelkvist P, Niva C, Berg AL, Karlström S, Swahn BM, Fälting J. AZ-4217: a high potency BACE inhibitor displaying acute central efficacy in different in vivo models and reduced amyloid deposition in Tg2576 mice. *J Neurosci.* 2013 Jun 12;33(24):10075-84. doi: 10.1523/JNEUROSCI.1165-13.2013. PubMed PMID: 23761903.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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