

SR-4995

Chemical Properties

CAS No. : 891509-95-8

Formula: C₁₉H₂₁N₃O₂S

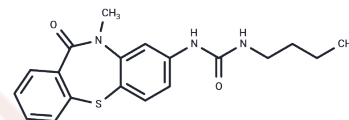
Molecular Weight: 355.45

Keep away from direct sunlight, Store at low temperature

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	SR-4995 (CID 16016685) is a highly efficient and selective ABHD5 ligand that directly binds to ABHD5 and induces lipolysis by releasing it from PLIN, activating HSL and PLIN1 through PKA-dependent phosphorylation.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8133 mL	14.0667 mL	28.1334 mL
5 mM	0.5627 mL	2.8133 mL	5.6267 mL
10 mM	0.2813 mL	1.4067 mL	2.8133 mL
50 mM	0.0563 mL	0.2813 mL	0.5627 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

Rondini EA, et al. Novel Pharmacological Probes Reveal ABHD5 as a Locus of Lipolysis Control in White and Brown Adipocytes. J Pharmacol Exp Ther. 2017 Dec;363(3):367-376.

Markussen LK, et al. Lipolysis regulates major transcriptional programs in brown adipocytes. Nat Commun. 2022 Jul 8;13(1):3956.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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