

ABD-295

Chemical Properties

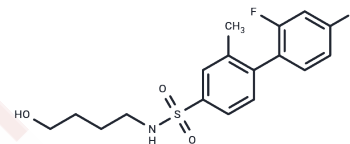
CAS No. : 871113-99-4

Formula: C₁₇H₁₉F₂N₃O₃S

Molecular Weight: 355.4

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	ABD-295 is an antiresorptive agent, osteoclast inhibitor, and biphenylsulfide derivative. ABD-295 has potent inhibitory effects on osteoclastic bone resorption in vitro. ABD-295 prevents ovariectomy-induced bone loss in vivo.
Targets(IC50)	c-Fms,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8137 mL	14.0687 mL	28.1373 mL
5 mM	0.5627 mL	2.8137 mL	5.6275 mL
10 mM	0.2814 mL	1.4069 mL	2.8137 mL
50 mM	0.0563 mL	0.2814 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

Greig IR, Idris AI, Ralston SH, van't Hof RJ. Development and characterization of biphenylsulfonamides as novel inhibitors of bone resorption. J Med Chem. 2006 Dec 14;49(25):7487-92. PubMed PMID: 17149877.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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