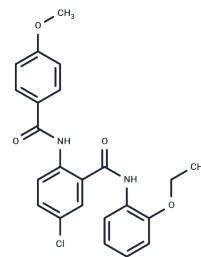


BFC1108

Chemical Properties

CAS No. : 692774-37-1
Formula: C₂₃H₂₁ClN₂O₄
Molecular Weight: 424.88
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	BFC1108 targets Bcl-2 and converts it to a pro-apoptotic protein, inhibits the growth of triple-negative breast cancer xenografts with high Bcl-2 expression, inhibits breast cancer lung metastasis, and induces apoptosis of Bcl-2-expressing cancer cells.
Targets(IC50)	Apoptosis,Bcl-2 Family

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3536 mL	11.768 mL	23.5361 mL
5 mM	0.4707 mL	2.3536 mL	4.7072 mL
10 mM	0.2354 mL	1.1768 mL	2.3536 mL
50 mM	0.0471 mL	0.2354 mL	0.4707 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

Kopparapu PR, et al. Identification and characterization of a small molecule Bcl-2 Functional Converter. Cancer Res Commun. 2024 Feb 8.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481