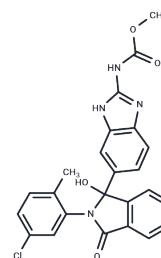


XL-281

Chemical Properties

CAS No. : 870603-16-0
 Formula: C₂₄H₁₉ClN₄O₄
 Molecular Weight: 462.89
 Storage: Keep away from moisture
 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	XL-281 (BMS-908662) is a BRAF inhibitor with anti-tumor activity for the study of colorectal cancer and melanoma.
Targets(IC50)	Raf

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1603 mL	10.8017 mL	21.6034 mL
5 mM	0.4321 mL	2.1603 mL	4.3207 mL
10 mM	0.216 mL	1.0802 mL	2.1603 mL
50 mM	0.0432 mL	0.216 mL	0.4321 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

Callahan MK, et al. Paradoxical activation of T cells via augmented ERK signaling mediated by a RAF inhibitor. Cancer Immunol Res. 2014 Jan;2(1):70-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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