

AX15910

Chemical Properties

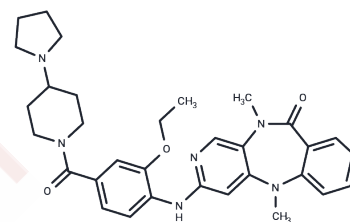
CAS No. :

Formula: C₃₂H₃₈N₆O₃

Molecular Weight: 554.7

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	AX15910 is a potent inhibitor of BRD4 and ERK5.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8028 mL	9.0139 mL	18.0278 mL
5 mM	0.3606 mL	1.8028 mL	3.6056 mL
10 mM	0.1803 mL	0.9014 mL	1.8028 mL
50 mM	0.0361 mL	0.1803 mL	0.3606 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

Proc Natl Acad Sci U S A. 2016 Oct 18; 113(42): 11865-11870. Published online 2016 Sep 27. doi: 10.1073/pnas.1609019113 PMID: PMC5081620 Cell Biology ERK5 kinase activity is dispensable for cellular immune response and proliferation Emme C. K. Lin,^{a,1} Christopher M. Amantea,^a Tyzoon K. Nomanbhoy,^a Helge Weissig,^a Junichi Ishiyama,^b Yi Hu,^a Shyama Sidique,^a Bei Li,^a John W. Kozarich,^a and Jonathan S. Rosenbluma,¹

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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