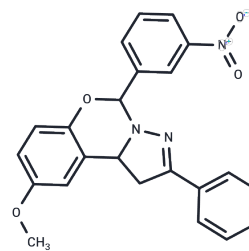


Phox-I1

Chemical Properties

CAS No. :	1388151-90-3
Formula:	C ₂₃ H ₁₉ N ₃ O ₄
Molecular Weight:	401.41
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	Phox-I1 is a NOX2 inhibitor targeting the interactive site of p67phox with Rac GTPase.
Targets(IC50)	Others, Reactive Oxygen Species

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4912 mL	12.4561 mL	24.9122 mL
5 mM	0.4982 mL	2.4912 mL	4.9824 mL
10 mM	0.2491 mL	1.2456 mL	2.4912 mL
50 mM	0.0498 mL	0.2491 mL	0.4982 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

Bosco EE, Kumar S, Marchioni F, Biesiada J, Kordos M, Szczur K, Meller J, Seibel W, Mizrahi A, Pick E, Filippi MD, Zheng Y. Rational design of small molecule inhibitors targeting the Rac GTPase-p67(phox) signaling axis in inflammation. Chem Biol. 2012 Feb 24;19(2):228-42. doi: 10.1016/j.chembiol.2011.12.017. PubMed PMID: 22365606; PubMed Central PMCID: PMC3292765.

Jo H, Luo HR. Exploiting effectors of Rac GTPase. Chem Biol. 2012 Feb 24;19(2):169-71. doi: 10.1016/j.chembiol.2012.02.001. PubMed PMID: 22365599; PubMed Central PMCID: PMC3292760.

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