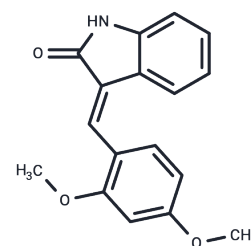


MDM2-p53-IN-1b

Chemical Properties

CAS No. :	856435-40-0
Formula:	C ₁₇ H ₁₅ NO ₃
Molecular Weight:	281.31
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	MDM2-p53-IN-1b is the MDM2-p53 interaction inhibitor.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5548 mL	17.774 mL	35.548 mL
5 mM	0.711 mL	3.5548 mL	7.1096 mL
10 mM	0.3555 mL	1.7774 mL	3.5548 mL
50 mM	0.0711 mL	0.3555 mL	0.711 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

- Boyarskikh UA, Shadrina AS, Smetanina MA, Tsepilov YA, Oscorbin IP, Kozlov VV, Kel AE, Filipenko ML. Mycoplasma hyorhinitis reduces sensitivity of human lung carcinoma cells to Nutlin-3 and promotes their malignant phenotype. *J Cancer Res Clin Oncol*. 2018 May 8. doi: 10.1007/s00432-018-2658-9. [Epub ahead of print] PubMed PMID: 29737431.
- Uesato S, Matsuura Y, Matsue S, Sumiyoshi T, Hirata Y, Takemoto S, Kawaratani Y, Yamai Y, Ishida K, Sasaki T, Enari M. Discovery of new low-molecular-weight p53-Mdmx disruptors and their anti-cancer activities. *Bioorg Med Chem*. 2016 Apr 15;24(8):1919-26. doi: 10.1016/j.bmc.2016.03.021. Epub 2016 Mar 11. PubMed PMID: 27010502.
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