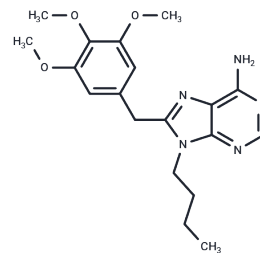


PU3

Chemical Properties

CAS No. : 352519-21-2
 Formula: C₁₉H₂₅N₅O₃
 Molecular Weight: 371.43
 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	PU3 is an inhibitor of Hsp90.
Targets(IC50)	Others,HSP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6923 mL	13.4615 mL	26.923 mL
5 mM	0.5385 mL	2.6923 mL	5.3846 mL
10 mM	0.2692 mL	1.3461 mL	2.6923 mL
50 mM	0.0538 mL	0.2692 mL	0.5385 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

Li W, Jiang N, Li B, Wan M, Chang X, Liu H, Zhang L, Yin S, Qi H, Liu S. Antioxidant activity of purified ulvan in hyperlipidemic mice. *Int J Biol Macromol*. 2018 Jul 1;113:971-975. doi: 10.1016/j.ijbiomac.2018.02.104. Epub 2018 Feb 21. PubMed PMID: 29476858.

Cary SK, Galley SS, Marsh ML, Hobart DL, Baumbach RE, Cross JN, Stritzinger JT, Polinski MJ, Maron L, Albrecht-Schmitt TE. Incipient class II mixed valency in a plutonium solid-state compound. *Nat Chem*. 2017 Sep;9(9):856-861. doi: 10.1038/nchem.2777. Epub 2017 May 8. PubMed PMID: 28837172.

Jeong JH, Oh YJ, Kwon TK, Seo YH. Chalcone-templated Hsp90 inhibitors and their effects on gefitinib resistance in non-small cell lung cancer (NSCLC). *Arch Pharm Res*. 2017 Jan;40(1):96-105. doi: 10.1007/s12272-016-0848-z. Epub 2016 Oct 21. PubMed PMID: 27770383.

Jiang J, Li L, Li K, Li G, You F, Zuo Y, Li Y, Li J. Antibacterial nanohydroxyapatite/polyurethane composite scaffolds with silver phosphate particles for bone regeneration. *J Biomater Sci Polym Ed*. 2016 Nov;27(16):1584-98. doi: 10.1080/09205063.2016.1221699. Epub 2016 Aug 19. PubMed PMID: 27501157.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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