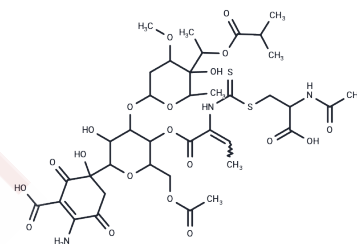


Antibiotic 273 A2-beta

Chemical Properties

CAS No. :	102301-13-3
Formula:	C ₃₈ H ₅₃ N ₃ O ₂₀ S ₂
Molecular Weight:	935.96
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	Antibiotic 273 A2-beta is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0684 mL	5.3421 mL	10.6842 mL
5 mM	0.2137 mL	1.0684 mL	2.1368 mL
10 mM	0.1068 mL	0.5342 mL	1.0684 mL
50 mM	0.0214 mL	0.1068 mL	0.2137 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

Duarte-Vázquez MA, García-Ugalde CR, Álvarez BE, Villegas LM, García-Almendárez BE, Rosado JL, Regalado C. Use of urea-polyacrylamide electrophoresis for discrimination of A1 and A2 beta casein variants in raw cow's milk. *J Food Sci Technol*. 2018 May;55(5):1942-1947. doi: 10.1007/s13197-018-3088-z. Epub 2018 Mar 2. PubMed PMID: 29666547; PubMed Central PMCID: PMC5897294.

Kuwata H, Yuzurihara C, Kinoshita N, Taki Y, Ikegami Y, Washio S, Hirakawa Y, Yoda E, Aiuchi T, Itabe H, Nakatani Y, Hara S. The group VIA calcium-independent phospholipase A(2) and NFATc4 pathway mediates IL-1 β -induced expression of chemokines CCL2 and CXCL10 in rat fibroblasts. *FEBS J*. 2018 Jun;285(11):2056-2070. doi: 10.1111/febs.14462. Epub 2018 Apr 18. PubMed PMID: 29637744.

Yang CT, Li JM, Li LF, Ko YS, Chen JT. Stomatin-like protein 2 regulates survivin expression in non-small cell lung cancer cells through β -catenin signaling pathway. *Cell Death Dis*. 2018 Mar 19;9(4):425. doi: 10.1038/s41419-018-0461-9. PubMed PMID: 29556045; PubMed Central PMCID: PMC5859036.

Chen GL, Huang LY, Zhou JY, Li DZ. Hb A(2)-Tianhe (HBD: c.323G>A): First Report in a Chinese Family with Normal Hb A(2)- β -Thalassemia Trait. *Hemoglobin*. 2017 Jul - Nov;41(4-6):291-292. doi: 10.1080/03630269.2017.1398170. Epub 2017 Dec 18. PubMed PMID: 29251016.

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