

BIO-7662

Chemical Properties

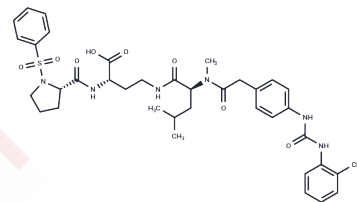
CAS No. : 327613-10-5

Formula: C₃₈H₄₈N₆O₈S

Molecular Weight: 748.89

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	BIO-7662 is an effective and highly selective antagonist of $\alpha 4\beta 1$ integrin.
Targets(IC50)	Others,Integrin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3353 mL	6.6765 mL	13.3531 mL
5 mM	0.2671 mL	1.3353 mL	2.6706 mL
10 mM	0.1335 mL	0.6677 mL	1.3353 mL
50 mM	0.0267 mL	0.1335 mL	0.2671 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

Egger LA, Cao J, McCallum C, Kidambi U, Van Riper G, McCauley E, Mumford RA, Lanza TJ, Lin LS, de Laszlo SE, Young DN, Yang G, Dean DC, Raab CE, Wallace MA, Jones AN, Hagmann WK, Schmidt JA, Pepinsky RB, Scott DM, Lee WC, Cornebise MA, Detmers PA. A small molecule $\alpha 4\beta 1/\alpha 4\beta 7$ antagonist differentiates between the low-affinity states of $\alpha 4\beta 1$ and $\alpha 4\beta 7$: characterization of divalent cation dependence. J Pharmacol Exp Ther. 2003 Sep;306(3):903-13. Epub 2003 May 23. PubMed PMID: 12766251.

Chen LL, Whitty A, Scott D, Lee WC, Cornebise M, Adams SP, Petter RC, Lobb RR, Pepinsky RB. Evidence that ligand and metal ion binding to integrin $\alpha 4\beta 1$ are regulated through a coupled equilibrium. J Biol Chem. 2001 Sep 28;276(39):36520-9. Epub 2001 Jul 25. PubMed PMID: 11473127.

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