

IVDE77

Chemical Properties

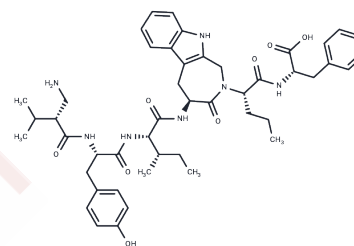
CAS No. :

Formula: C47H61N7O8

Molecular Weight: 852.05

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	IVDE77 is the first Ang IV-analogue with the ability to abolish IRAP-availability completely at the cell surface in vitro.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1736 mL	5.8682 mL	11.7364 mL
5 mM	0.2347 mL	1.1736 mL	2.3473 mL
10 mM	0.1174 mL	0.5868 mL	1.1736 mL
50 mM	0.0235 mL	0.1174 mL	0.2347 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

Nikolaou A, Van den Eynde I, Tourwé D, Vauquelin G, Tóth G, Mallareddy JR, Poglitsch M, Van Ginderachter JA, Vanderheyden PM. [3H]IVDE77, a novel radioligand with high affinity and selectivity for the insulin-regulated aminopeptidase. Eur J Pharmacol. 2013 Feb 28;702(1-3):93-102. doi: 10.1016/j.ejphar.2013.01.026. Epub 2013 Jan 31. PubMed PMID: 23376157.

Nikolaou A, Stijlemans B, Laoui D, Schoupe E, Tran HT, Tourwé D, Chai SY, Vanderheyden PM, Van Ginderachter JA. Presence and regulation of insulin-regulated aminopeptidase in mouse macrophages. J Renin Angiotensin Aldosterone Syst. 2014 Dec;15(4):466-79. doi: 10.1177/1470320313507621. Epub 2014 Feb 14. PubMed PMID: 24532823.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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