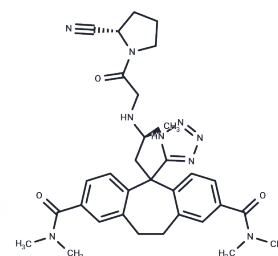


AMG-222

Chemical Properties

CAS No. :	913978-37-7
Formula:	C ₃₂ H ₃₉ N ₉ O ₃
Molecular Weight:	597.71
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	AMG-222 (ALS-2-0426, ALS-20426) is a DPP-4 inhibitor and may be used in the treatment of type 2 diabetes.
Targets(IC50)	Others,Proteasome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6731 mL	8.3653 mL	16.7305 mL
5 mM	0.3346 mL	1.6731 mL	3.3461 mL
10 mM	0.1673 mL	0.8365 mL	1.6731 mL
50 mM	0.0335 mL	0.1673 mL	0.3346 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

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- Kiang YH, Nagapudi K, Liu J, Staples RJ, Jona J. Crystal structure study and investigation of solid-state cyclization for AMG 222, a channel hydrate. *Int J Pharm.* 2013 Jan 30;441(1-2):299-306. doi: 10.1016/j.ijpharm.2012.11.029. Epub 2012 Nov 23. PubMed PMID: 23182974.
- Greene RJ, Tu H, Gibbs JP, Greg Slatter J. Target-mediated metabolism and target-mediated drug disposition of the DPP-4 inhibitor AMG 222. *Xenobiotica.* 2011 Nov;41(11):945-57. doi: 10.3109/00498254.2011.597455. Epub 2011 Aug 25. PubMed PMID: 21867423.

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