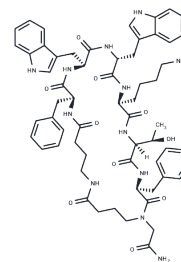


Veldoreotide

Chemical Properties

CAS No. :	252845-37-7
Formula:	C ₆₀ H ₇₄ N ₁₂ O ₁₀
Molecular Weight:	1123.3
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Veldoreotide, also known as Somatoprim, is a unique somatostatin receptor subtypes 2-, 4- and 5-selective analogue which effectively reduces GH secretion in human GH-secreting pituitary adenomas, even in Octreotide non-responsive tumours.
Targets(IC50)	Somatostatin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8902 mL	4.4512 mL	8.9023 mL
5 mM	0.178 mL	0.8902 mL	1.7805 mL
10 mM	0.089 mL	0.4451 mL	0.8902 mL
50 mM	0.0178 mL	0.089 mL	0.178 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

- Paragliola RM, Salvatori R. Novel Somatostatin Receptor Ligands Therapies for Acromegaly. *Front Endocrinol (Lausanne)*. 2018 Mar 7;9:78. doi: 10.3389/fendo.2018.00078. eCollection 2018. Review. PubMed PMID: 29563895; PubMed Central PMCID: PMC5845985.
- Hána V. [Current and future therapy of acromegaly]. *Vnitr Lek*. Fall 2016;62(9 Suppl 3):68-72. Czech. PubMed PMID: 27734694.
- Günther T, Culler M, Schulz S. Research Resource: Real-Time Analysis of Somatostatin and Dopamine Receptor Signaling in Pituitary Cells Using a Fluorescence-Based Membrane Potential Assay. *Mol Endocrinol*. 2016 Apr;30(4):479-90. doi: 10.1210/me.2015-1241. Epub 2016 Mar 11. PubMed PMID: 26967369; PubMed Central PMCID: PMC5414644.
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