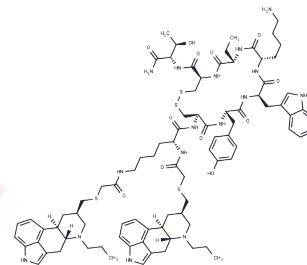


Onzigolide

Chemical Properties

CAS No. :	778630-77-6
Formula:	C ₈₆ H ₁₁₆ N ₁₆ O ₁₂ S ₄
Molecular Weight:	1694.21
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	Onzigolide (BIM-23A760), a chimeric compound with properties of both dopamine and somatostatin, exhibits strong agonistic activity towards dopamine D2 receptors (D2R) and somatostatin type 2 receptors (SSTR2).
Targets(IC50)	Dopamine Receptor, Somatostatin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5902 mL	2.9512 mL	5.9025 mL
5 mM	0.118 mL	0.5902 mL	1.1805 mL
10 mM	0.059 mL	0.2951 mL	0.5902 mL
50 mM	0.0118 mL	0.059 mL	0.118 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

Halem HA, et al. TBR-760, a Dopamine-Somatostatin Compound, Arrests Growth of Aggressive Nonfunctioning Pituitary Adenomas in Mice. *Endocrinology*. 2020 Aug 1;161(8):bqaa101.

Cuny T, et al. Characterization of the ability of a, second-generation SST-DA chimeric molecule, TBR-065, to suppress GH secretion from human GH-secreting adenoma cells. *Pituitary*. 2021 Jun;24(3):351-358.

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