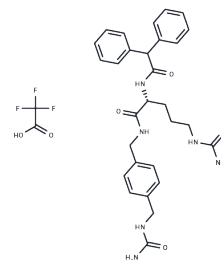


BIBO3304 diTFA

Chemical Properties

CAS No. :	2310085-85-7
Formula:	C33H37F6N7O7
Molecular Weight:	757.68
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	BIBO3304 (diTFA), a selective neuropeptide Y (NPY) Y1 receptor antagonist, demonstrates oral efficacy. It exhibits high affinity for Y1 receptors in both humans and rats, with IC50 values of 0.38 nM and 0.72 nM, respectively. Additionally, BIBO3304 (diTFA) enhances bone-tendon healing via the Wnt/ β -catenin signaling pathway [1] [2] [3].
Targets(IC50)	Others, Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3198 mL	6.5991 mL	13.1982 mL
5 mM	0.264 mL	1.3198 mL	2.6396 mL
10 mM	0.132 mL	0.6599 mL	1.3198 mL
50 mM	0.0264 mL	0.132 mL	0.264 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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