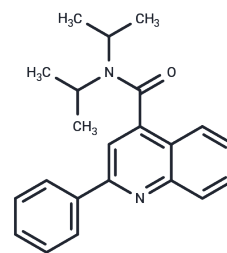


MS437

Chemical Properties

CAS No. : 541535-31-3
 Formula: C₂₂H₂₄N₂O
 Molecular Weight: 332.44
 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	MS437 is a potent TSH receptor agonist.
Targets(IC50)	Others, TSH Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0081 mL	15.0403 mL	30.0806 mL
5 mM	0.6016 mL	3.0081 mL	6.0161 mL
10 mM	0.3008 mL	1.504 mL	3.0081 mL
50 mM	0.0602 mL	0.3008 mL	0.6016 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

Latif R, Ali MR, Ma R, David M, Morshed SA, Ohlmeyer M, Felsenfeld DP, Lau Z, Mezei M, Davies TF. New small molecule agonists to the thyrotropin receptor. Thyroid. 2015 Jan;25(1):51-62. doi: 10.1089/thy.2014.0119. PubMed PMID: 25333622; PubMed Central PMCID: PMC4291085.

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