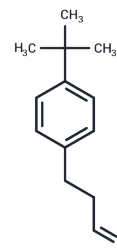


Bourgeonal

Chemical Properties

CAS No. :	18127-01-0
Formula:	C ₁₃ H ₁₈ O
Molecular Weight:	190.28
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	Bourgeonal is an agonist of human testicular olfactory receptor hOR17-4. It increases cytosolic calcium levels in human spermatozoa, acts as a chemoattractant, and increases swimming speed in sperm chemotaxis assays in a concentration-dependent manner.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2554 mL	26.2771 mL	52.5541 mL
5 mM	1.0511 mL	5.2554 mL	10.5108 mL
10 mM	0.5255 mL	2.6277 mL	5.2554 mL
50 mM	0.1051 mL	0.5255 mL	1.0511 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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