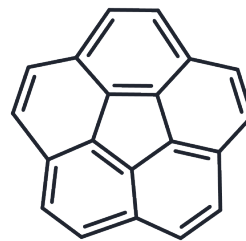


Corannulene

Chemical Properties

CAS No. :	5821-51-2
Formula:	C ₂₀ H ₁₀
Molecular Weight:	250.293
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	Corannulene is an agonist of the aromatic hydrocarbon receptor (AhR). It induces a lower cytotoxic response in liver cancer cells compared to Benzo[a]pyrene and shows potential for use in cancer research.
Targets(IC50)	Aryl Hydrocarbon Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9954 mL	19.9768 mL	39.9537 mL
5 mM	0.7991 mL	3.9954 mL	7.9907 mL
10 mM	0.3995 mL	1.9977 mL	3.9954 mL
50 mM	0.0799 mL	0.3995 mL	0.7991 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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