

Coronene

Chemical Properties

CAS No. :	191-07-1
Formula:	C ₂₄ H ₁₂
Molecular Weight:	300.35
Storage:	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	Coronene is a polycyclic aromatic hydrocarbon (PAH) widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3294 mL	16.6472 mL	33.2945 mL
5 mM	0.6659 mL	3.3294 mL	6.6589 mL
10 mM	0.3329 mL	1.6647 mL	3.3294 mL
50 mM	0.0666 mL	0.3329 mL	0.6659 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

Martín Santa Daría A, et al. Coronene: a model for ultrafast dynamics in graphene nanoflakes and PAHs. Phys Chem Chem Phys. 2023 Dec 21;26(1):174-184.

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