Data Sheet (Cat.No.TN9795)

TargetMol

Triphenylene

Chemical Properties

CAS No. : 217-59-4

Formula: C18H12

Molecular Weight: 228.29

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	Triphenylene is a flat polycyclic aromatic hydrocarbon (PAH) commonly used in the synthesis of MOF and COF, capable of generating active metabolites via cytochrome P450.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3804 mL	21.902 mL	43.8039 mL
5 mM	0.8761 mL	4.3804 mL	8.7608 mL
10 mM	0.438 mL	2.1902 mL	4.3804 mL
50 mM	0.0876 mL	0.438 mL	0.8761 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

Sonet, D., & Bibal, B. (2019). Triphenylene: A versatile molecular receptor. Tetrahedron Letters, 60(12), 872-884.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481