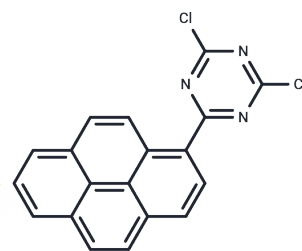


## 1-(Dichloro-1,3,5-triazinyl)-pyrene

## Chemical Properties

CAS No. :	3224-36-0
Formula:	C <sub>19</sub> H <sub>9</sub> Cl <sub>2</sub> N <sub>3</sub>
Molecular Weight:	350.2
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	1-(Dichloro-1,3,5-triazinyl)-pyrene (1-(4,6-Dichloro-1,3,5-triazin-2-yl)pyrene) serves as a multifunctional dye with diverse applications in both traditional and emerging fields. In biological experiments, dyes facilitate the observation and analysis of cell structures, tracking of biomolecules, evaluation of cell functions, distinction of cell types, detection of biomolecules, examination of tissue pathology, and monitoring of microorganisms. Their utilization spans from foundational scientific research to extensive clinical diagnostics. Additionally, dyes are integral to the textile industry for coloring purposes, and find innovative uses in functional textile processing, food coloring, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8555 mL	14.2776 mL	28.5551 mL
5 mM	0.5711 mL	2.8555 mL	5.711 mL
10 mM	0.2856 mL	1.4278 mL	2.8555 mL
50 mM	0.0571 mL	0.2856 mL	0.5711 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481