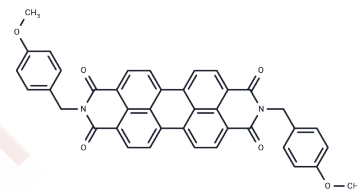


## Pigment black 32

## Chemical Properties

CAS No. :	83524-75-8
Formula:	C <sub>40</sub> H <sub>26</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	630.64
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	Pigment black 32 is a versatile dye used extensively in biological experiments to observe and analyze cell structures, track biomolecules, evaluate cell functions, differentiate cell types, detect biomolecules, investigate tissue pathology, and monitor microorganisms. Its applications extend from fundamental scientific research to a wide array of clinical diagnostics, and it is also prevalent in traditional domains like textile dyeing, as well as in innovative areas such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5857 mL	7.9285 mL	15.8569 mL
5 mM	0.3171 mL	1.5857 mL	3.1714 mL
10 mM	0.1586 mL	0.7928 mL	1.5857 mL
50 mM	0.0317 mL	0.1586 mL	0.3171 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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