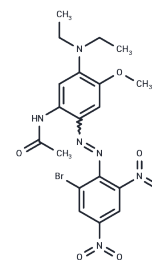


## Disperse blue 291

## Chemical Properties

CAS No. :	56548-64-2
Formula:	C <sub>19</sub> H <sub>21</sub> BrN <sub>6</sub> O <sub>6</sub>
Molecular Weight:	509.31
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	Disperse Blue 291 is a multifunctional dye. Dyes are important tools in biological experiments, helping researchers observe and analyze cell structures, track biomolecules, evaluate cell functions, distinguish cell types, detect biomolecules, study tissue pathology, and monitor microorganisms. Their applications range from basic scientific research to clinical diagnostics. Dyes are also widely used in traditional fields such as textile dyeing and emerging fields such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9634 mL	9.8172 mL	19.6344 mL
5 mM	0.3927 mL	1.9634 mL	3.9269 mL
10 mM	0.1963 mL	0.9817 mL	1.9634 mL
50 mM	0.0393 mL	0.1963 mL	0.3927 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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