

6BrW

## Chemical Properties

CAS No. :	52448-17-6
Formula:	C <sub>11</sub> H <sub>11</sub> BrN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	283.121
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	6BrW is an analog of tryptophan effector.
Targets(IC50)	Others,Antibacterial

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5321 mL	17.6604 mL	35.3207 mL
5 mM	0.7064 mL	3.5321 mL	7.0641 mL
10 mM	0.3532 mL	1.766 mL	3.5321 mL
50 mM	0.0706 mL	0.3532 mL	0.7064 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

Kwon I, Tirrell DA. Site-specific incorporation of tryptophan analogues into recombinant proteins in bacterial cells. *J Am Chem Soc.* 2007 Aug 29;129(34):10431-7. Epub 2007 Aug 8. PubMed PMID: 17685515.

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