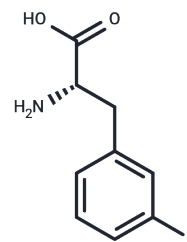


## 3-Iodo-L-phenylalanine

## Chemical Properties

CAS No. :	20846-39-3
Formula:	C <sub>9</sub> H <sub>10</sub> INO <sub>2</sub>
Molecular Weight:	291.0857
Storage:	Keep away from direct sunlight 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	3-Iodo-L-phenylalanine is a non-natural amino acid that can be utilized for partial codon reassignment. It demonstrates high efficiency in reassigning the Ser AGU codon and also shows some effectiveness with the Ser UCG codon. This compound is applicable in studies related to genetic code expansion and protein engineering.
Targets(IC50)	Amino Acids and Derivatives

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4354 mL	17.1768 mL	34.3536 mL
5 mM	0.6871 mL	3.4354 mL	6.8707 mL
10 mM	0.3435 mL	1.7177 mL	3.4354 mL
50 mM	0.0687 mL	0.3435 mL	0.6871 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

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