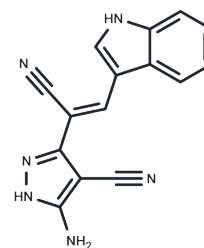


## Tyrphostin AG 1112

## Chemical Properties

CAS No. :	153150-84-6
Formula:	C <sub>15</sub> H <sub>10</sub> N <sub>6</sub>
Molecular Weight:	274.28
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	Tyrphostin AG 1112 is a Bcr-Abl kinase blocker. It can activate the terminal differentiation of K562 cells and the purging of Ph+ cells.
Targets(IC50)	Others,Casein Kinase,Tyrosinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6459 mL	18.2295 mL	36.4591 mL
5 mM	0.7292 mL	3.6459 mL	7.2918 mL
10 mM	0.3646 mL	1.823 mL	3.6459 mL
50 mM	0.0729 mL	0.3646 mL	0.7292 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

Kang TB, Huang C, Liang NC. Action of 3 tyrphostin derivatives on casein kinase II from rat liver. Zhongguo Yao Li Xue Bao. 1997 Jan;18(1):56-8. PubMed PMID: 10072895.

Anafi M, Gazit A, Zehavi A, Ben-Neriah Y, Levitzki A. Tyrphostin-induced inhibition of p210bcr-abl tyrosine kinase activity induces K562 to differentiate. Blood. 1993 Dec 15;82(12):3524-9. PubMed PMID: 7505115.

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