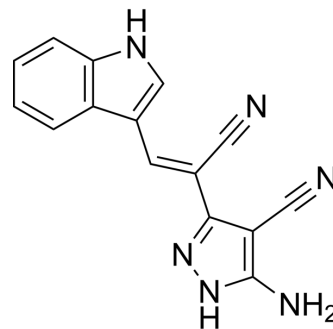


## Tyrphostin AG1112

Cat. No.:	HY-120036
CAS No.:	153150-84-6
Molecular Formula:	C <sub>15</sub> H <sub>10</sub> N <sub>6</sub>
Molecular Weight:	274.28
Target:	Casein Kinase; Tyrosinase
Pathway:	Cell Cycle/DNA Damage; Stem Cell/Wnt; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Tyrphostin AG1112 is a potent inhibitors of CK II. Tyrphostin AG1112 inhibits p210 <sup>bcr-abl</sup> tyrosine kinase, with IC <sub>50</sub> values of 2, 15, 20 μM in p210 <sup>bcr-abl</sup> , EGFR and PDGFR cells, respectively <sup>[1][2]</sup> .
In Vitro	Tyrphostin AG1112 (0-100 μM) dose-dependently induces differentiation also induce specific growth arrest <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. T B Kang, et al. Action of 3 tyrphostin derivatives on casein kinase II from rat liver. Zhongguo Yao Li Xue Bao. 1997 Jan;18(1):56-8.
- [2]. M Anafi, et al. Tyrphostin-induced inhibition of p210bcr-abl tyrosine kinase activity induces K562 to differentiate. Blood. 1993 Dec 15;82(12):3524-9.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA