Certificate of Analysis

Tyrosinase-IN-2

Cat. No.: HY-143449
CAS No.: 180864-33-9
Batch No.: 258026

Chemical Name: Hydrazinecarbothioamide, 2-[(4-nitrophenyl)methylene]-, (2E)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_8H_8N_4O_2S$ Molecular Weight: 224.24

Storage: 4°C, protect from light

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

$$\begin{array}{c} O \\ O \\ N \end{array} \begin{array}{c} N \\ N \end{array} \begin{array}{c} N \\ N \\ N \end{array} \begin{array}{c} N \end{array} \begin{array}{c} N \\ N \end{array} \begin{array}{c} N \end{array} \begin{array}{c} N \\ N \end{array} \begin{array}{c} N \\ N \end{array} \begin{array}{c} N \end{array} \begin{array}{c} N \\ N \end{array} \begin{array}{c} N \end{array} \begin{array}{c} N \\ N \end{array} \begin{array}{c} N$$

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.71%

Conclusion: The product has been tested and complies with the given specifications.

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