

hMAO-B-IN-11

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	hMAO-B-IN-11 (Compound 12) is a selective and reversible inhibitor of human monoamine oxidase B (hMAO-B) with an IC50 value of 0.11 μ M. It operates by competitively binding to the active site of hMAO-B, thereby preventing the oxidative deamination of monoamines and reducing hydrogen peroxide production. Additionally, hMAO-B-IN-11 inhibits pro-inflammatory mediators (NO, TNF- α , IL-1 β) in activated microglia. This compound holds potential for research in neurodegenerative diseases such as Parkinson's and Alzheimer's.
Targets(IC50)	Interleukin, Monoamine Oxidase, TNF

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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