

Catalog	Unit
TBI3193-10MG	10 mg
TBI3193-50MG	50 mg

Product Details

Formal Name: 4-guanidinobutyl 4-hydroxy-3,5-dimethoxybenzoate

Alternate Names: SCM-198

Molecular Formula: C₁₄H₂₁N₃O₅

Formula Weight: 311.33

CAS Number: 24697-74-3

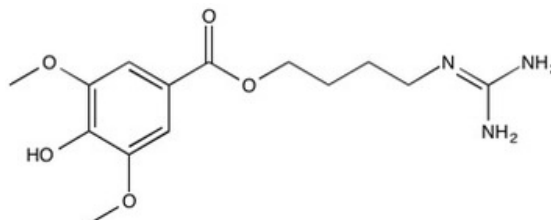
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 30 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

Neuroinflammation inhibitor

Functions

Inhibits microglial overactivation and attenuates A β (1-40)-induced cognitive impairments in rats via JNK and NF- κ B pathways. Inhibits the formation of advanced glycation end products. Ameliorates cognitive dysfunction by antagonizing excitotoxic glutamate insults and inhibiting autophagy. Attenuates myocardial fibrotic response via inhibition of NADPH oxidase 4. Attenuates early atherosclerotic lesions in hypercholesterolemic rabbits via modulation of the inflammatory and oxidative stress pathways.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.