

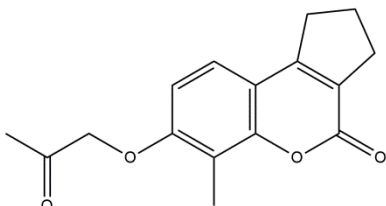
MAO-A/MAO-B Inhibitor

10/19

ALTERNATE NAMES: 6-methyl-7-(2-oxopropoxy)-2,3-dihydrocyclopenta[c]chromen-4(1H)-one; CBMicro_001748; Cyclopenta[c][1]benzopyran-4(1H)-one, 2,3-dihydro-6-methyl-7-(2-oxopropoxy)-; 6-methyl-7-(2-oxopropoxy)-1,2,3,4-tetrahydrocyclopenta[c]chromen-4-one

CATALOG #: B2919-5 5 mg
B2919-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₆H₁₆O₄

MOLECULAR WEIGHT: 272.30

CAS NUMBER: 307548-94-3

APPEARANCE: Solid

PURITY: 99%

SOLUBILITY: Soluble in DMSO

DESCRIPTION: MAO-A/MAO-B inhibitor is a coumarin derivative which inhibits monoamine oxidases MAO-A and MAO-B with an IC₅₀ of 235 ± 18.52 nM and 165 ± 7.04 nM, respectively.

STORAGE TEMPERATURE: -20°C

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

REFERENCE: Santana, L., González-Díaz, H., Quezada, E., et al. Quantitative structure-activity relationship and complex network approach to monoamine oxidase A and B inhibitors. J Med Chem. 13:51(21):6740-51 (2008).

RELATED PRODUCTS:

Clorgyline hydrochloride (Cat. No. 2622)
 Pargyline hydrochloride (Cat. No. 2618)
 Moclobemide (Cat. No. 9561)
 Harmine (Cat. No. 2561)
 Rasagiline mesylate (Cat. No. 2237)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*