

Product Name	: Isolongifolene
Synonyms	: (-)-Isolongifolene
Cat No.	: M23324
CAS Number	: 1135-66-6
Molecular Formula	: C ₁₅ H ₂₄
Formula Weight	: 204.4
Chemical Name	: —
Description	Isolongifolene has antioxidant, anti-inflammatory, anticancer and neuroprotective properties. Isolongifolene is a tricyclic sesquiterpene isolated from <i>Murraya koenigii</i> . Isolongifolene attenuates Rotenone-induced oxidative stress, mitochondrial dysfunction and apoptosis through the regulation of P13K/AKT/GSK-3 β signaling pathways.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: DMSO:10 mM
SMILES	: <chem>CC1(C)[C@]23CC[C@](C3)([H])C(C)(C)C2=CCC1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Balakrishnan R, et al. Isolongifolene attenuates rotenone-induced mitochondrial dysfunction, oxidative stress and apoptosis. *Front Biosci (Schol Ed)*. 2018 Jan 1;10:248-261.