

Neuroprotective agent 10

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	Neuroprotective agent 10 (Compound 11c) is a brain-penetrant neuroprotective compound. It effectively scavenges ABTS radicals (IC ₅₀ for scavenging: 9.20 μM), DPPH radicals (IC ₅₀ for scavenging: 7.09 μM), and superoxide anion radicals (inhibition rate: 48.4%). Additionally, it mitigates oxidative damage induced by H ₂ O ₂ and neuroinflammation induced by lipopolysaccharides, demonstrating antiepileptic properties. Neuroprotective agent 10 shows promise for research in epilepsy and neuroprotection.
Targets(IC ₅₀)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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