

## 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 (IC50 for scavenging: 9.20 $\mu$ M), DPPH radicals (IC50 for scavenging: 7.09 $\mu$ M), and superoxide anion radicals (inhibition rate: 48.4%). Additionally, it mitigates oxidative damage induced by H2O2 and neuroinflammation induced by lipopolysaccharides, demonstrating antiepileptic properties. Neuroprotective agent 10 shows promise for research in epilepsy and neuroprotection.
Targets(IC50)	Others

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