

Product Name	: Rotenone
Synonyms	: Rotenone; NSC 26258; NSC-26258; NSC26258
Cat No.	: M16105
CAS Number	: 83-79-4
Molecular Formula	: C ₂₃ H ₂₂ O ₆
Formula Weight	: 394.43
Chemical Name	: (1)Benzopyrano(3,4-b)furo(2,3-h)(1)benzopyran-6(6aH)-one, 1,2, 12, 12a-tetrahydro-8,9-dimethoxy-2-(1-methylethenyl)-, (2R,6aS,12aS)-
Description	Rotenone is an odorless, colorless, crystalline ketonic chemical compound used as a broad-spectrum insecticide, piscicide, and pesticide. It occurs naturally in the seeds and stems of several plants, such as the jicama vine plant, and the roots of several members of Fabaceae. It was the first described member of the family of chemical compounds known as rotenoids.
Pathway	: Apoptosis
Target	: p53
Receptor	: N/APDH; p53
Solubility	: DMSO: 10 mM
SMILES	: <chem>O=C1[C@]2([H])[C@](COC3=CC(OC)=C(OC)C=C32)([H])OC4=C1C=CC5=C4C[C@H](C(C)=C)O5</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Feng Y, et al. J Neurochem. 2015 Aug; 134(4):668-76.

