

Product Name	: Diosmin
Synonyms	: 3',5,7-Trihydroxy-4'-methoxyflavone 7-rutinoside
Cat No.	: M14824
CAS Number	: 520-27-4
Molecular Formula	: C ₂₈ H ₃₂ O ₁₅
Formula Weight	: 608.54
Chemical Name	: 5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-7-(((2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(((2R,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)methyl)tetrahydro-2H-pyran-2-yl)oxy)-4H-chromen-4-one
Description	: Diosmin is a semisynthetic phlebotropic agent and a member of the flavonoid family. Extracted from hesperidin; Store the product in sealed, cool and dry condition.
Pathway	: Neuroscience
Target	: Norepinephrine
Receptor	: Norepinephrine (NE)
Solubility	: DMSO: 6 mg/mL (9.85 mM)
SMILES	: <chem>OC1=C(C(C=C(C2=CC=C(OC)C(O)=C2)O3)=O)C3=CC(O[C@@H]4[C@H](O)[C@@H](O)[C@H](O)[C@@H](CO[C@@H]5[C@H](O)[C@H](O)[C@@H](O)[C@@H](O)[C@H](C)O5)O4)=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Veverková L, et al. Rozhl Chir. 2005 Aug;84(8):410-2, 414-6.