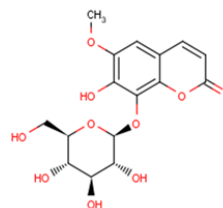


Product Name	: Fraxin
Synonyms	: Fraxin; Fraxetin-8-O-glucoside
Cat No.	: M18726
CAS Number	: 524-30-1
Molecular Formula	: C ₁₆ H ₁₈ O ₁₀
Formula Weight	: 370.31
Chemical Name	: 2H-1-Benzopyran-2-one, 8-(beta-D-glucopyranosyloxy)-7-hydroxy-6-methoxy-
Description	: Fraxin is a glucoside of fraxetin, an O-methylated coumarin. Fraxin was administered orally to rats to investigate its metabolism.
Pathway	: Cytoskeleton/Cell Adhesion Molecules
Target	: Microtubule/Tubulin
Receptor	: mURAT1 or mGLUT9
Solubility	: —
SMILES	: <chem>c1(=O)ccc2cc(c(c(c2o1)O[C@@H]1O[C@@H]([C@H]([C@H]([C@H]1O)O)O)CO)O)OC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Whang WK,ET AL. Natural compounds,fraxin and chemicals structurally related to fraxin protect cells from oxidative stress. Exp Mol Med. 2005 Oct 31;37(5):436-46.