

Product Name	: Kaempferol 3-glucorhamnoside
Synonyms	: —
Cat No.	: M21455
CAS Number	: 40437-72-7
Molecular Formula	: C ₂₇ H ₃₀ O ₁₅
Formula Weight	: 594.5
Chemical Name	: —
Description	Kaempferol-3-O-glucorhamnoside a flavonoid derived from plant Thesium chinense Turcz inhibits inflammatory responses via MAPK and NF-κB pathways in vitro and in vivo[1]. Kaempferol-3-O-glucorhamnoside exhibits significant antioxidant activity by scavenging stable DPPH free radicals..
Pathway	: Others
Target	: Antioxidant
Receptor	: Antioxidant
Solubility	: H ₂ O: 1 mg/mL (168.2 mM); DMSO: 2 mg/mL (3.36 mM); Ethanol: 1 mg/mL (1.68 mM)
SMILES	: <chem>O[C@@H]1[C@H]([C@@H]([C@H]([C@@H](O1)O[C@@H]2[C@@H]([C@H]([C@@H](O[C@@H]2OC3=C(OC4=CC(=CC(=C4C3=O)O)O)C5=CC=C(C=C5)O)CO)O)O)O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Sun Z et al. Kaempferol-3-O-glucorhamnoside inhibits inflammatory responses via MAPK and NF-κB pathways in vitro and in vivo. Toxicol Appl Pharmacol. 2019 Feb 1;364:22-28.