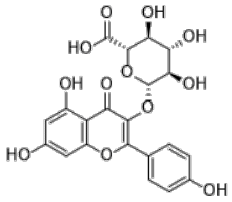
ProbeChem®
Expedite Your Scientific Research

Data Sheet

WWW.PROBECHEM.COM

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	Kaempferol 3-O-β-D-glucuronide
Cat. No.	:	PC-28694
CAS No.	:	22688-78-4
Molecular Formula	:	$C_{21}H_{18}O_{12}$
Molecular Weight	:	462.36
Target	:	Akt
Solubility	:	10 mM in DMSO



Biological Activity

Kaempferol 3-O-β-D-glucuronide (Kaempferol-3-glucuronide, RT1) is a metabolite of kaempferol that can be taken orally and has anti-inflammatory properties, activates AKT/GSK3β phosphorylation and improves glucose metabolism.

References

Ali Şen, et al. Chem Biol Interact. 2023 Jan 5:369:110263.

Khajuria V, et al. Int Immunopharmacol. 2018;57:62-71.

Ge Fang, et al. Journal of Functional Foods. Volume 82, July 2021, 104501.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com