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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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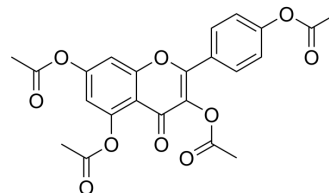
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Kaempferol tetraacetate

Cat. No.:	HY-N3430
CAS No.:	16274-11-6
Molecular Formula:	C ₂₃ H ₁₈ O ₁₀
Molecular Weight:	454.38
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Kaempferol tetraacetate (AF33) is a natural product. Kaempferol tetraacetate shows cytotoxicity ^{[1][2]} .	
In Vitro	Kaempferol tetraacetate (compound 1a) (0-100 μM; 72 h) shows cytotoxicity with IC ₅₀ s of 45, 48, 37 μM for HL-60, U937, SK-MEL-1 cells, respectively ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Cell Cytotoxicity Assay ^[2]	
	Cell Line:	HL-60, U937, SK-MEL-1 cells
	Concentration:	0-100 μM
	Incubation Time:	72 h
	Result:	Showed cytotoxicity with IC ₅₀ s of 45, 48, 37 μM for HL-60, U937, SK-MEL-1 cells, respectively.

REFERENCES

- [1]. Mei Q, et al. Selective methylation of kaempferol via benzylation and deacetylation of kaempferol acetates. *Beilstein J Org Chem*. 2015 Feb 25;11:288-93.
- [2]. Díaz JG, et al. Cytotoxic activities of flavonoid glycoside acetates from *Consolida oliveriana*. *Planta Med*. 2008 Feb;74(2):171-4.

Caution: Product has not been fully validated for medical applications. For research use only.

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