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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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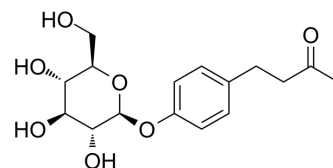
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Raspberry ketone glucoside

Cat. No.:	HY-N6069
CAS No.:	38963-94-9
Molecular Formula:	C ₁₆ H ₂₂ O ₇
Molecular Weight:	326.34
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (153.21 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.0643 mL	15.3214 mL	30.6429 mL
	5 mM		0.6129 mL	3.0643 mL	6.1286 mL
	10 mM		0.3064 mL	1.5321 mL	3.0643 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (7.66 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (7.66 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 1.72 mg/mL (5.27 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Raspberry ketone glucoside is a natural product in raspberry fruit. Raspberry ketone glucoside has the inhibitory effect on the melanin synthesis^[1].

CUSTOMER VALIDATION

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- J Agric Food Chem. 2023 Sep 1.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Tomohiro Yokota, et al. Lasting Effect of Raspberry Ketone Glucoside on Whitening. Liebigs Annalen. 2017, Vol.2017, No.48, p.7295.

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

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