

Product Data Sheet

Product Name: Rabdosiin

Cat. No.: GC39033

Chemical Properties

Cas. No. 263397-69-9

SMILES OC1=C(O)C=CC(C[C@@H](C(O)=O)OC([C@@H]2[C@@H](C3=CC(O)=C(O)C=C3)C4=CC(O)=C(O)C=C4C=C2C(O[C@@H](C(O)=O)CC5=CC(O)=C(O)C=C5)=O)=O)=C1

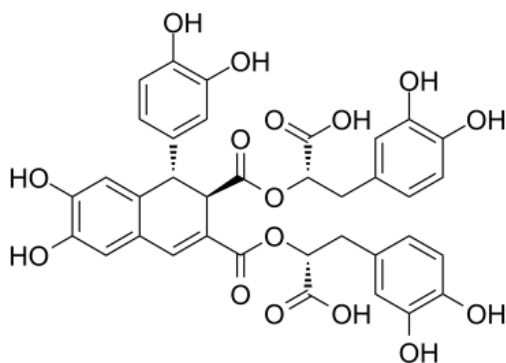
Formula $C_{36}H_{30}O_{16}$ M.Wt 718.61

Solubility DMSO : 100 mg/mL (139.16 mM; Need ultrasonic) Storage 4°C, protect from light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Rabdosiin is a tetramer of caffeic acid isolated from the stem of *Rabdosia japonica* Hara. Rabdosiin possess anti-allergic activity, anti-HIV activity and inhibition on DNA topoisomerase[1].

[1]. Ito H, et al. Antiallergic activities of rabdosiin and its related compounds: chemical and biochemical evaluations. *Bioorg Med Chem.* 1998 Jul;6(7):1051-6.

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

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