

Product Data Sheet

Product Name: Militarine

Cat. No.: GC60247

Chemical Properties

Cas. No. 58139-23-4

SMILES O[C@H]([C@H]1O)[C@@H](O[C@@H]([C@H]1O)CO)OC(C=C2)=CC=C2COC([C@](CC(C)C)(O)CC(OCC(C=C3)=CC=C3O[C@@H]([C@@H]([C@H]4O)O)O[C@@H]([C@H]4O)CO)=O)=O

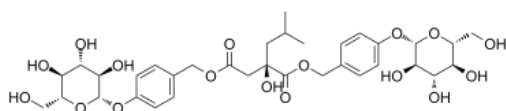
Formula $C_{34}H_{46}O_{17}$ M.Wt 726.72

Solubility DMSO : 100 mg/mL (137.60 mM; Storage
Need ultrasonic); H_2O : ≥ 50 mg/mL
(68.80 mM)

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

Militarine, a glycosidic compound isolated from *Bletilla striata*, exhibits plant growth-inhibitory activity[1].

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

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[1]. EMI SAKUNO, et al. Contribution of militarine and dactylorhin A to the plant growth-inhibitory activity of a weed-suppressing orchid, *Bletilla striata*. *Weed Biology and Management* 10, 202-207 (2010).

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