
Product Data Sheet

Product Name: Pseudocoptisine acetate

Cat. No.: GC39141

Chemical Properties

Cas. No. 30426-66-5

SMILES CC([O-])=O.C12=[N+](C=C3C(C=C4C(OC(=O)C4)=C3)=C2)CCC5=CC6=C(OC(=O)C6)C=C15Formula $C_{21}H_{17}NO_6$ M.Wt 379.36

Solubility Soluble in DMSO Storage Store at -20°C

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**

Pseudocoptisine acetate, a quaternary alkaloid with a benzyloquinoline skeleton, is isolated from the tubers of *Corydalis turtschaninovii*. Pseudocoptisine acetate shows anti-inflammatory properties[1].

[1]. Yun KJ, et al. Quaternary alkaloid, pseudocoptisine isolated from tubers of *Corydalis turtschaninovi* inhibits LPS-induced nitric oxide, PGE(2), and pro-inflammatory cytokines production via the down-regulation of NF-kappaB in RAW 264.7 murine macrophage cells. *Int Immunopharmacol.* 2009 Oct;9(11):1323-31.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA