

Product Data Sheet

Product Name: Dracorhodin perchlorate

Cat. No.: GC35898

Chemical Properties

Cas. No. 125536-25-6

SMILES CC1=C(OC)C2=CC=C(C3=CC=CC=C3)[O+]=C2C=C1O.O=Cl(=O)([O-])=O

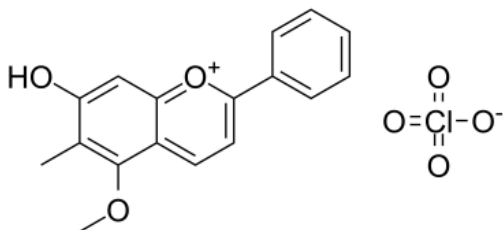
Formula $C_{17}H_{15}ClO_7$ M.Wt 366.75

Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, DMSO:PBS (pH 7.2) (1:4): 0.20 mg/ml
Storage Store at -20°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

Dracorhodin perchlorate (Dracorhodin perochlorate) is a natural product extracted from a natural medicine Dragon's blood. Dracorhodin perchlorate (Dracorhodin perochlorate) inhibits cell proliferation, induces cell cycle arrest and apoptosis [1][2].

[1]. Jiang X, et al. Dracorhodin perchlorate regulates fibroblast proliferation to promote rat's wound

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

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healing. J Pharmacol Sci. 2018 Feb;136(2):66-72. [2]. He Y, et al. Dracorhodin perchlorate suppresses proliferation and induces apoptosis in human prostate cancer cell line PC-3. J Huazhong Univ Sci Technolog Med Sci. 2011 Apr;31(2):215. [3]. Chen X, et al. Dracorhodin perchlorate induces the apoptosis of glioma cells. Oncol Rep. 2016 Apr;35(4):2364-72.

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