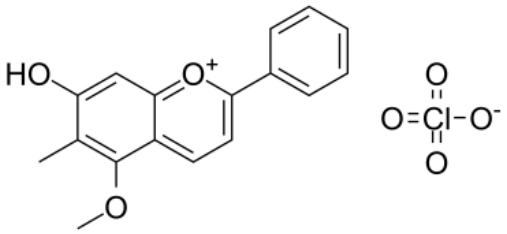
Product Data Sheet

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 (Dracohodin perochlorate) is a natural product extracted from a natural medicine Dragon's blood. Dracorhodin perchlorate (Dracohodin 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

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.

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