[ Product Information ]

Name: Dracorhodin perchlorate

Catalog No.: CFN90486

Cas No.: 125536-25-6

Purity: >=98%

M.F: C_{17}H_{15}ClO_{7}

M.W: 366.75

Physical Description: Red powder

Synonyms: Methane,5-methoxy-6-methyl-2-phenylchomerylium-7-ol.

[ Intended Use ]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[ Source ]

The herbs of Daemonorops draco Bl.

[ Biological Activity or Inhibitors ]

Dracorhodin perchlorate can inhibit PI3K/Akt and NF-kB activation, up-regulate the
expression of p53, and enhance apoptosis in cancer cells [1]
Dracorhodin perchlorate alters the intracellular redox status, changes the balance of Bcl-X(L) and Bax protein expression, and induces apoptosis through caspase pathways in HeLa cells.[2]
Dracorhodin perchlorate can inhibit high glucose-induced connective tissue growth factor expression in human mesangial cells, and this may be its mechanism of prevention and treatment on renal fibrosis in diabetic nephropathy (DN). [3]
Dracorhodin perchlorate has been used as a medicine to treat chronic wounds, the effects of it on wound healing have association with the Ras/MAPK signaling pathway.[4]

[ Solvent ]
Pyridine, Methanol, Ethanol, etc.

[ HPLC Method ] [5]
Mobile phase: Acetonitrile-0.05 M Sodium dihydrogen phosphate solution=37:63 ;
Flow rate: 1.0 ml/min;
Column temperature: 30 ºC;
The wave length of determination: 440 nm.

[ Storage ]
2-8°C, Protected from air and light, refrigerate or freeze.

[ References ]
[ Contact ]

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