

Product Data Sheet

Product Name: Carebastine

Cat. No.: GC18198

Chemical Properties

Cas. No. 90729-42-3

Chemical Name 4-[4-[4-(diphenylmethoxy)-1-piperidinyl]-1-oxobutyl]- α,α -dimethyl-benzeneacetic acid

SMILES O=C(C1=CC=C(C(C)(C)C(O)=O)C=C1)CCCN(CC2)CCC2OC(C3=CC=CC=C3)C4=CC=CC=C4

Formula $C_{32}H_{37}NO_4$

M.Wt 499.6

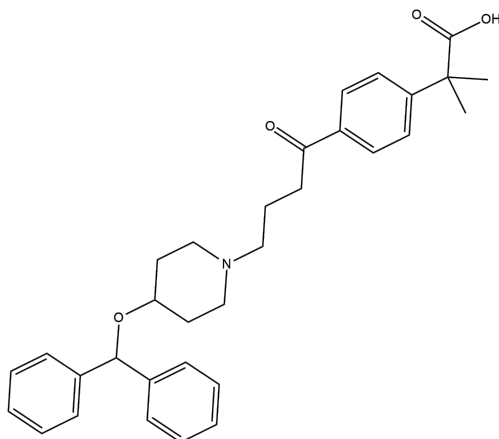
Solubility DMF: 25 mg/ml, DMSO: 2 mg/ml, Ethanol: 2 mg/ml

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

Carebastine is the active metabolite of Ebastine. Carebastine is a histamine H1 receptor antagonist. Carebastine inhibits VEGF-induced HUVEC and HPAEC proliferation, migration and angiogenesis in a dose-dependent manner[1]. Carebastine suppresses the expression of macrophage migration

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

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inhibitory factor[2].

References:

- [1]. De Luisi A, et al. Anti-angiogenic activity of carebastine: a plausible mechanism affecting airway remodelling. Eur Respir J. 2009 Oct;34(4):958-66.
- [2]. Zhao Y, et al. Carebastine, an H1-receptor antagonist, suppresses the expression of macrophage migration inhibitory factor. Clin Exp Dermatol. 2008 Nov;33(6):785-7.

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