

Product Data Sheet

Product Name: Dagrocorat hydrochloride

Cat. No.: GC63872

Chemical Properties

Cas. No. 1044535-61-6

Formula C₂₉H₃₀ClF₃N₂O₂

M.Wt 531.01

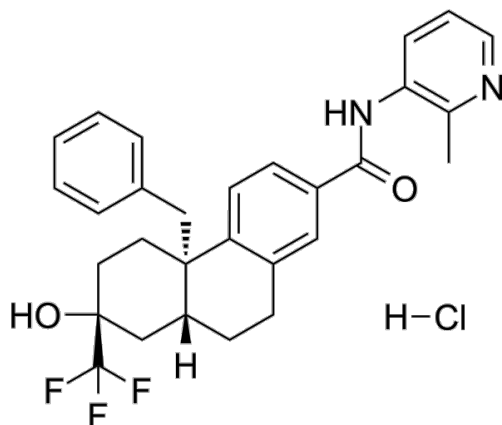
Solubility DMSO : 100 mg/mL (188.32 mM; ultrasonic and warming and heat to 60°C)

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

Dagrocorat (PF-00251802) hydrochloride is an orally active and selective high-affinity partial agonist of the glucocorticoid receptor. Dagrocorat hydrochloride is also a time-dependent reversible inhibitor of CYP3A (IC₅₀=1.3 μM in human liver microsomes) and CYP2D6 (K_i=0.57 μM in human liver microsomes). Dagrocorat hydrochloride can be used for the research of rheumatoid arthritis[1].

Dagrocorat hydrochloride is metabolized by cytochrome P450 (CYP)3A to an N-oxide metabolite.

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

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Dagrocorat hydrochloride is a reversible inhibitor of several CYPs, such as CYP3A and CYP2D6[1].

[1]. Ripp SL, et al. In Vitro and In Vivo Investigation of Potential for Complex CYP3A Interaction for PF-00251802 (Dagrocorat), a Novel Dissociated Agonist of the Glucocorticoid Receptor. Clin Pharmacol Drug Dev. 2018;7(3):244-255.

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