

Product Data Sheet

Product Name: CCT245232

Cat. No.: GC64642

Chemical Properties

Cas. No. 1693731-14-4

Formula C₂₇H₂₃N₃O₄

M.Wt 453.49

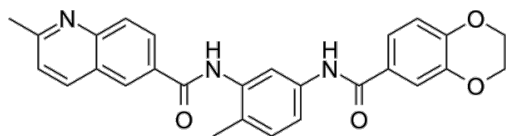
Solubility DMSO : 41.67 mg/mL (91.89 mM; ultrasonic and warming and heat to 60°C)

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

CCT245232 is a potent inhibitor of heat shock factor 1 (HSF1). HSF1 is the master regulator of the heat shock response, in which multiple genes are induced in response to temperature increase and other stresses. CCT245232 has the potential for the research of proliferative diseases, such as cancer (extracted from patent WO2015049535A1)[1].

[1]. Keith Jones, et al. Fused 1,4-dihydrodioxin derivatives as inhibitors of heat shock transcription

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

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factor 1. Patent WO2015049535A1.

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