
Product Data Sheet

Product Name: RA 839
Cat. No.: GC50242

Chemical Properties

Cas. No. 1832713-02-6

SMILES CC1=C(C)C=C(C)C(C)=C1S(=O)(NC2=C(C=CC=C3)C3=C(N4C[C@@H](C(O)=O)CC4)C=C2)=O

Formula C₂₅H₂₈N₂O₄S M.Wt 452.57

Solubility DMSO : 100 mg/mL (220.96 mM; Need ultrasonic) 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

Nrf2 activator; inhibits Nrf2/Keap1 interaction (Kd = 6 μM). Suppresses LPS-induced iNOS and nitric oxide expression in macrophages. Anti-inflammatory.

Winkel et al (2015) Characterization of RA839, a noncovalent small molecule binder to Keap1 and selective activator of Nrf2 signaling. J.Biol.Chem. 290 28446 PMID:26459563

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

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