

Product Data Sheet

Product Name: EMD638683 R-Form

Cat. No.: GC35977

Chemical Properties

Cas. No. 1184940-47-3

SMILES CC1=C(CC)C(C(NNC([C@H](O)C2=CC(F)=CC(F)=C2)=O)=O)=CC=C1O

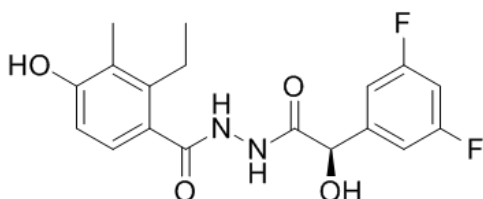
Formula $C_{18}H_{18}F_2N_2O_4$ M.Wt 364.34

Solubility DMSO: 180 mg/mL (494.04 mM and warming) 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

EMD638683 R-Form is the R-form of EMD638683. EMD638683 is a highly selective SGK1 inhibitor with IC₅₀ of 3 μM. SGK1[1]

[1]. Ackermann TF, et al. EMD638683, a novel SGK inhibitor with antihypertensive potency. Cell Physiol Biochem. 2011;28(1):137-46.

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

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