
Product Data Sheet

Product Name: DB550
 Cat. No.: GC35813

Chemical Properties

Cas. No.

SMILES NC([C@H](CCCCN)N(C(CCCCNC(N)=N)=O)CCNC([C@H](CC1=CNC=N1)N(C(CCCCCN)=O)CCNC([C@H](CCCNC(N)=N)N(C(CCS)=O)CCNC([C@@H](N)[C@@H](C)O)=O)=O)=O)=O.OCC(F)(F)F)=O.OCC(F)(F)F)=O.OCC(F)(F)F)=O.OCC(F)(F)F)=O.OCC(F)(F)F)=O

Formula	C ₅₃ H ₈₇ F ₁₅ N ₁₈ O ₁₈ S	M.Wt	1581.41
Solubility	Soluble in DMSO	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

DB550 targets PLC γ 1 and disrupts the CD95-PLC γ 1 interaction to prevent Th17-driven inflammation, without affecting the CD95-FADD interaction[1]. PLC γ 1[1].

[1]. Poissonnier A, et al. Disrupting the CD95-PLC γ 1 interaction prevents Th17-driven inflammation. Nat Chem Biol. 2018 Dec;14(12):1079-1089.

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

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