

Product Data Sheet

Product Name: SSM 3 trifluoroacetate

Cat. No.: GC50131

Chemical Properties

Cas. No. 2320930-10-5

SMILES NC(N[C@H]1C[C@@H](NC(N)=N)[C@H](OC3=CC=C(NC(N)=N)C=C3)C[C@@H]1OC2=CC=C(NC(N)=N)C=C2)=N.FC(F)(F)C(O)=O.FC(F)(F)C(O)=O.FC(F)(F)C(O)=O.FC(F)(F)C(O)=O

Formula C₂₂H₃₂N₁₂O₂.4CF₃CO₂H M.Wt 952.66

Solubility 49.66 mg/mL in Water; 49.66 mg/mL 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

Potent furin inhibitor (EC₅₀ = 54 nM). Blocks furin-dependent cell surface processing of anthrax protective antigen-83 in vitro.

Remacle (2010) Selective and potent furin inhibitors protect cells from anthrax without significant toxicity. Int.J.Biochem.Cell Biol. 42 987 PMID:20197107

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

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