

Product Data Sheet

Product Name: SA 47
Cat. No.: GC15077

Chemical Properties

Cas. No. 792236-07-8

Chemical Name (Z)-2-((E)-hydroxy((2-(1-(6-methylpyridin-2-yl)piperidin-4-yl)ethyl)imino)methoxy)-N-methylacetimidic acid

SMILES CC1=NC(N2CCC(CC2)CC/N=C(OC/C(O)=N/C)\O)=CC=C1

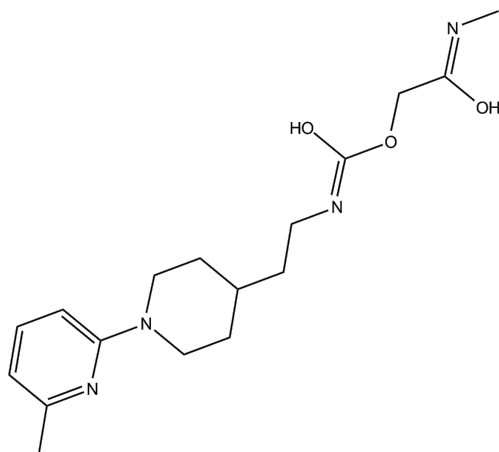
Formula $C_{17}H_{26}N_4O_3$ M.Wt 334.41

Solubility <33.44mg/ml in DMSO; <16.72mg/ml in 1eq. HCl 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

SA 47 is a selective and potent inhibitor of fatty acid amide hydrolase (FAAH) and carbamate[1].

References:

[1]. Zhang D, et al. Fatty acid amide hydrolase inhibitors display broad selectivity and inhibit multiple

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

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carboxylesterases as off-targets. Neuropharmacology. 2007 Mar;52(4):1095-105.

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