
Product Data Sheet

Product Name: CW 008
Cat. No.: GC50181

Chemical Properties

Cas. No. 1134613-19-6

SMILES O=C(C1=CC=C(F)C=C1)NC2=NNC3=NC(C4=C5N(C=CC(OC)=C5)N=C4)=C(F)C=C32

Formula $C_{21}H_{14}F_2N_6O_2$ M.Wt 420.37

Solubility DMSO : 16.67 mg/mL (39.66 mM; ultrasonic and warming and heat to 60°C) 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

cAMP/PKA/CREB pathway activator. Promotes osteogenic differentiation of human bone marrow-derived MSCs in vitro. Increases bone mass and bone volume density in ovariectomized mice.

Kim et al (2013) An activator of the cAMP/PKA/CREB pathway promotes osteogenesis from human mesenchymal stem cells. J.Cell.Physiol. 228 617 PMID:22886506

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

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