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**Product Data Sheet**

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Product Name: DW-1350

Cat. No.: GC31921

**Chemical Properties**

Cas. No. 491577-61-8

SMILES N=C(C1=CC=C(OCCCCCOC2=CC=C(C3=C(C(C)C)SC(C)=N3)C=C2)C=C1)NOFormula  $C_{25}H_{31}N_3O_3S$  M.Wt 453.6

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**

DW-1350 is a LTB4 receptor antagonist.

DW-1350 is a LTB4 receptor antagonist. DW-1350 shows inhibitory effects against osteoclast in terms of differentiation, formation, fusion and bone absorption[1].

[1]. Kang JH, et al. 5-Lipoxygenase inhibitors suppress RANKL-induced osteoclast formation via NFATc1 expression. Bioorg Med Chem. 2015 Nov 1;23(21):7069-78.

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

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