
Product Data Sheet

Product Name: Roflumilast Impurity E

Cat. No.: GC37553

Chemical Properties

Cas. No. 1391052-76-8

SMILES O=C(NC1=C(Cl)C=NC=C1Cl)C2=CC=C(OC(F)F)C(O)=C2Formula $C_{13}H_8Cl_2F_2N_2O_3$ M.Wt 349.12

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**

Roflumilast Impurity E is the impurity of Roflumilast. Roflumilast(Daliresp) is a drug which acts as a selective and long-acting inhibitor of the enzyme PDE-4 with an IC50 value of 0.8 nM.

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

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