
Product Data Sheet

Product Name: Mesalamine impurity P

Cat. No.: GC61043

Chemical Properties

Cas. No. 887256-40-8

SMILES O=C(C1=C(O)C(C2=CC=C(S(=O)(O)=O)C=C2)=CC(N)=C1)OFormula $C_{13}H_{11}NO_6S$ M.Wt 309.29Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**

Mesalamine impurity P is an impurity of Mesalamine . 5-Aminosalicylic acid (Mesalamine) acts as a specific PPAR γ agonist and also inhibits p21-activated kinase 1 (PAK1) and NF- κ B[1].

[1]. Kyle Dammann, et al. PAK1 modulates a PPAR γ /NF- κ B cascade in intestinal inflammation. *Biochim Biophys Acta*. 2015 Oct;1853(10 Pt A):2349-60.

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

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