
Product Data Sheet

Product Name: MPO-IN-3
Cat. No.: GC68468

Chemical Properties

Cas. No. 1435469-45-6

Formula $C_{16}H_{22}ClN_3O_3S$ M.Wt 371.88

Solubility DMSO : 100 mg/mL (268.90 mM;
Need ultrasonic) Storage 4°C, stored under nitrogen,
away from moisture

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

MPO-IN-3 is a potent **myeloperoxidase (MPO)** inhibitor (WO2013068875A1, example 191). Myeloperoxidase (MPO) is a heme-containing enzyme belonging to the peroxidase superfamily^[1].

[1]. Philip Albert Carpino, et al. 2-thiopyrimidinones. WO2013068875A1.

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

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