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**Product Data Sheet**

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Product Name: Xanthine oxidase-IN-1

Cat. No.: GC33813

**Chemical Properties**

Cas. No. 1071970-13-2

SMILES O=C(O)C1=CC=C(N2C=C(C#N)C3=C2C=C(F)C(F)=C3)C=C1OFormula  $C_{16}H_8F_2N_2O_3$  M.Wt 314.24

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**

Xanthine oxidase-IN-1 is a xanthine oxidase inhibitor extracted from patent WO2008126898A1, page 68, compound example 3, with an IC50 of 6.5 nM.

[1]. Shimizu K, et al. Preparation of (aza)indole derivatives as xanthine oxidase inhibitors. WO2008126898 A1.

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

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