

Product Data Sheet

Product Name: Dotinurad

Cat. No.: GC35895

Chemical Properties

Cas. No. 1285572-51-1

SMILES O=C(C1=CC(Cl)=C(O)C(Cl)=C1)N(C2)C3=CC=CC=C3S2(=O)=O

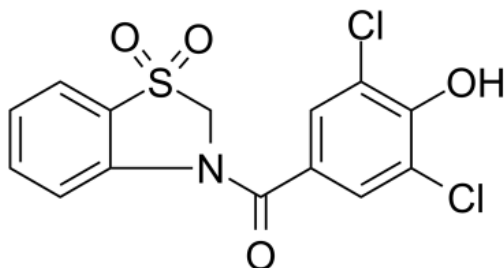
Formula $C_{14}H_9Cl_2NO_4S$ M.Wt 358.2

Solubility DMSO: 65 mg/mL (181.46 mM) 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

Dotinurad is a potent uricosuric agent, with an IC₅₀ of 3.6 μM for uric acid[1].

[1]. Li X, et al. Pharmacological urate-lowering approaches in chronic kidney disease. Eur J Med Chem. 2019 Mar 15;166:186-196.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA