

Product Data Sheet

Product Name: Verinurad

Cat. No.: GC19373

Chemical Properties

Cas. No. 1352792-74-5

SMILES CC(C)(SC1=C(C2=C3C=CC=CC3=C(C#N)C=C2)C=NC=C1)C(O)=O

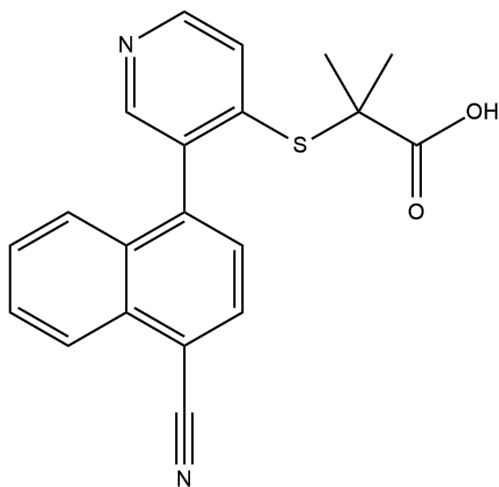
Formula $C_{20}H_{16}N_2O_2S$ M.Wt 348.42

Solubility DMSO : ≥ 30 mg/mL (86.10 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

Verinurad is an urate transporter inhibitor with EC₅₀ value of 0.05 μM . IC₅₀ value: 0.05 μM (EC₅₀) Target: urate transporter Verinurad is useful in the modulation of blood or serum uric acid levels, reducing serum uric acid levels in a human.

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

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References:

[1]. Yeh Li-Tain, et al. 3,4-Di-substituted pyridine compound, methods of use and compositions comprising the same. From PCT Int. Appl. (2013), WO 2013067425 A1 20130510.

[2]. Ouk, Samedy, et al. Thioacetate compounds as URAT-1 agonists and their preparation, compositions and methods of use. From PCT Int. Appl. (2011), WO 2011159839 A2 20111222.

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