

Product Data Sheet

Product Name: KPH2f
Cat. No.: GC70894

Chemical Properties

Cas. No. 2760615-09-4

Formula $C_{24}H_{16}N_3NaO_2S$ M.Wt 433.46

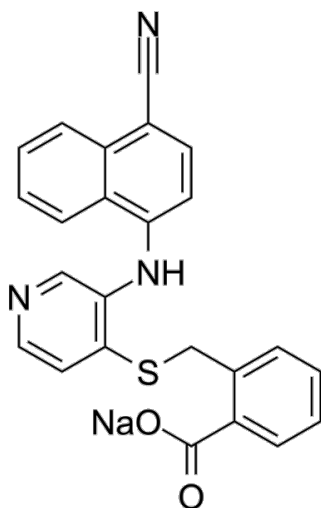
Solubility DMSO : 16.67 mg/mL (38.46 mM); ultrasonic and warming and heat to 80°C; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

Storage 4°C, sealed storage, 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

KPH2f is a safe, orally active, and effective dual URAT1/GLUT9 inhibitor with IC₅₀s of 0.24 μM and 9.37 μM for URAT1 and GLUT9, respectively. KPH2f shows little effects on OAT1 and ABCG2 (IC₅₀=32.14 and 26.74 μM).

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

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

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References:

[1]. Zhao Z, et al. Discovery of novel verinurad analogs as dual inhibitors of URAT1 and GLUT9 with improved Druggability for the treatment of hyperuricemia. Eur J Med Chem. 2022;229:114092.

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