

Product Data Sheet

Product Name: DB818 dihydrochloride

Cat. No.: GC72929

Chemical Properties

Cas. No.

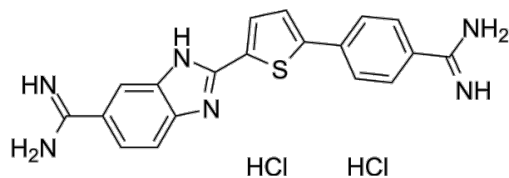
Formula $C_{19}H_{18}Cl_2N_6S$ M.Wt 433.36

Solubility H_2O : 5 mg/mL (11.54 mM; Need ultrasonic and warming) Storage $-20^{\circ}C$, sealed storage, away from moisture

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

DB818 didrochloride is the didrochloride salt form of DB818 . DB818 didrochloride is an inhibitor for Homeobox A9 (HOXA9). DB818 didrochloride reduces the formation of HOXA9-DNA complexes, inhibits the growth and induces apoptosis in AML cell lines OCI/AML3, MV4-11, and THP-1.

References:

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

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[1]. Sonoda Y, et al. Effects of HOXA9 Inhibitor DB818 on the Growth of Acute Myeloid Leukaemia Cells. Anticancer Res. 2021 Apr;41(4):1841-1847.

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