

Product Data Sheet

Product Name: CD00509

Cat. No.: GC74677

Chemical Properties

Cas. No. 27430-18-8

Formula $C_9H_6N_2O_3S$

M.Wt 222.22

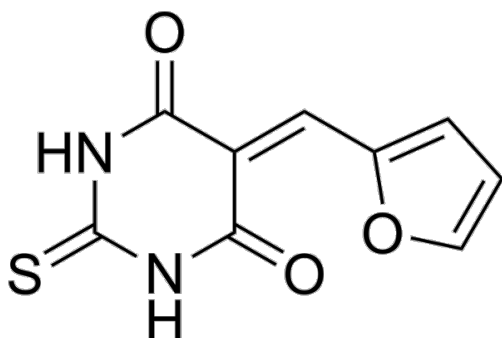
Solubility DMSO : 12.5 mg/mL (56.25 mM;
Need ultrasonic)

Storage 4°C, sealed storage, away from
moisture and light

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

CD00509 is a Tdp1 inhibitor, with an IC₅₀ value of 0.71 μM. CD00509 can sensitize breast cancer cells to Camptothecin . CD00509 has anti-tumor activity.

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

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References:

[1]. Laev SS, et al. Tyrosyl-DNA phosphodiesterase inhibitors: Progress and potential. Bioorg Med Chem. 2016 Nov 1;24(21):5017-5027.

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