

Product Data Sheet

Product Name: PXYC1
Cat. No.: GC70967

Chemical Properties

Cas. No. 865098-81-3

Formula $C_9H_{10}N_4O_3S$ M.Wt 254.27

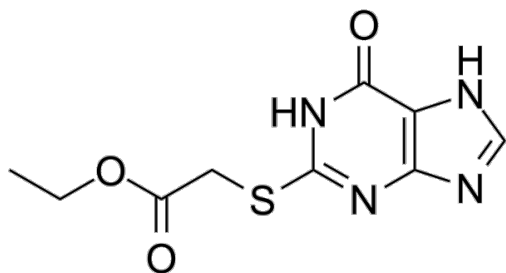
Solubility DMSO : 125 mg/mL (491.60 mM);
Need ultrasonic; Hygroscopic DMSO
has a significant impact on the
solubility of product, please use
newly opened DMSO)

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

PXYC1 is a ribosomal protein S1 (RpsA) antagonist with Kds of 0.81 and 0.31 μ M for RpsA-CTD and RpsA-CTD Δ 438A, respectively. RpsA plays an important role in the trans-translation process of Mycobacterium Tuberculosis (Mtb).

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

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References:

[1]. Yazhuang Dai, et al. Discovery and evaluation of new compounds targeting ribosomal protein S1 in antibiotic-resistant *Mycobacterium Tuberculosis*. Eur J Med Chem. 2020 Jun 15;196:112317.

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