

Product Data Sheet

Product Name: PYCR1-IN-1

Cat. No.: GC72970

Chemical Properties

Cas. No. 709-85-3

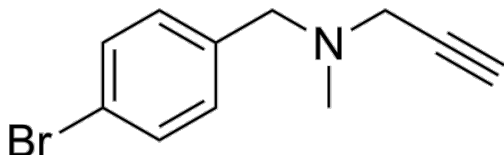
Formula $C_{11}H_{12}BrN$ M.Wt 238.12

Solubility DMSO : 100 mg/mL (419.96 mM; Need ultrasonic) Storage 4°C, stored under nitrogen

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

PYCR1-IN-1 (compound 4) is a pyrroline-5-carboxylate reductase 1 (PYCR1) inhibitor with an IC₅₀ of 8.8 μM. PYCR1-IN-1 has anticancer effects.

References:

[1]. Kirsty Milne, et al. A fragment-like approach to PYCR1 inhibition. Bioorg Med Chem Lett. 2019 Sep 15;29(18):2626-2631.

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

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