

Product Data Sheet

Product Name: CARM1-IN-3

Cat. No.: GC73386

Chemical Properties

Cas. No. 912970-67-3

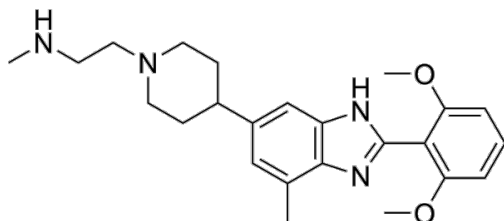
Formula $C_{24}H_{32}N_4O_2$ M.Wt 408.54

Solubility DMSO : 100 mg/mL (244.77 mM; Storage -20°C
Need ultrasonic)

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

CARM1-IN-3 (compound 17b) is a potent and selective co-activator associated arginine

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

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metltransferase (CARM1) inhibitor with IC₅₀ values of 0.07, >25 µM for CARM1 and CARM3, respectively^[1].

References:

[1]. Wan H, et al. Benzo[d]imidazole inhibitors of Coactivator Associated Arginine Metltransferase 1 (CARM1)--Hit to Lead studies. Bioorg Med Chem Lett. 2009 Sep 1;19(17):5063-6.

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