

Product Data Sheet

Product Name: MALAT1-IN-1

Cat. No.: GC38711

Chemical Properties

Cas. No. 827327-28-6

SMILES CN1C(C2=CC=C(OC)C=C2)=CN=C1NCC3=CC=CC(OC)=C3

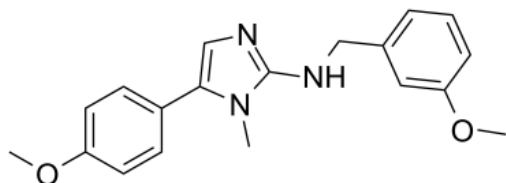
Formula $C_{19}H_{21}N_3O_2$ M.Wt 323.39

Solubility DMSO: 125 mg/mL (386.53 mM) Storage Store at -20°C

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

MALAT1-IN-1 (compounds 5) is a potent and specific Malat1 (Metastasis-associated lung adenocarcinoma transcript 1) inhibitor. MALAT1-IN-1 modulated Malat1 downstream genes in a dose-dependent manner without affecting expression of nuclear enriched abundant transcript 1 (Neat1) [1].

[1]. Abulwerdi FA, et al. Selective Small-Molecule Targeting of a Triple Helix Encoded by the Long Noncoding RNA, MALAT1. ACS Chem Biol. 2019 Feb 15;14(2):223-235.

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

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