

Product Data Sheet

Product Name: XP-59
Cat. No.: GC39668

Chemical Properties

Cas. No. 890402-73-0

SMILES O=C(ON1N=NC2=CC=CC=C21)C3=CC=C(N(C)C)C=C3

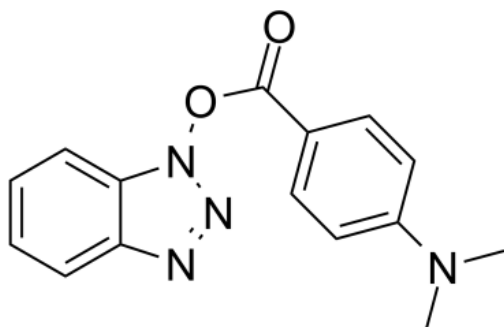
Formula $C_{15}H_{14}N_4O_2$ M.Wt 282.3

Solubility DMSO: 62.5 mg/mL (221.40 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

XP-59 is a potent inhibitor of the SARS-CoV Mpro, with a K_i of 0.1 μ M[1].

[1]. Verschueren KH, et al., A structural view of the inactivation of the SARS coronavirus main proteinase by benzotriazole esters. Chem Biol. 2008 Jun;15(6):597-606.

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

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