
Product Data Sheet

Product Name: PROTAC Sirt2-binding moiety 1

Cat. No.: GC34741

Chemical Properties

Cas. No. 1862237-99-7

SMILES O=C(NC1=NC=C(CC2=CC=CC(OCC#C)=C2)S1)CSC3=NC(C)=CC(C)=N3Formula $C_{21}H_{20}N_4O_2S_2$ M.Wt 424.54

Solubility Soluble in DMSO 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**

PROTAC Sirt2-binding moiety 1 is a selective and highly potent Sirtuin 2 (Sirt2) inhibitor, with an IC₅₀ of 2.4 μM. For the development of sirtuin rearranging ligands (SirReals)-based PROTAC[1]. IC₅₀: 2.4 μM (Sirt2)[1].

[1]. Schiedel M, et al. Chemically Induced Degradation of Sirtuin 2 (Sirt2) by a Proteolysis Targeting Chimera (PROTAC) Based on Sirtuin Rearranging Ligands (SirReals). J Med Chem. 2018 Jan 25;61(2):482-491.

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

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