

Product Data Sheet

Product Name: SIRT4-IN-1

Cat. No.: GC26643

Chemical Properties

Cas. No.

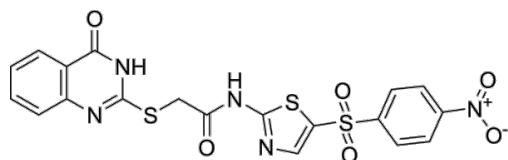
Formula $C_{19}H_{13}N_5O_6S_3$ M.Wt 503.53

Solubility DMSO : 100 mg/mL (198.60 mM; Storage 4°C, protect from light
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



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

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Background

SIRT4-IN-1 (compound 69) is selective sirtuin 4 (Sirt4) inhibitor with an IC₅₀ of 16 µM. SIRT4-IN-1 shows no relevant effects on other sirtuin isoforms[1].

References:

[1]. Martin Pannek, et al. Specific Inhibitors of Mitochondrial Deacetylase Sirtuin 4 Endowed with Cellular Activity. J Med Chem. 2024 Feb 8;67(3):1843-1860.

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