

Product Data Sheet

Product Name: GA32
Cat. No.: GC74031

Chemical Properties

Cas. No. 1386811-71-7

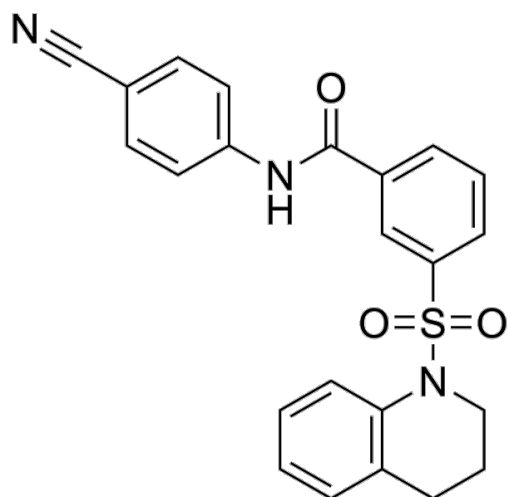
Formula $C_{23}H_{19}N_3O_3S$ M.Wt 417.48

Solubility DMSO : 100 mg/mL (239.53 mM; Need ultrasonic) Storage $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

GA32 (compound 58r) is potent androgen receptor (AR)/glucocorticoid receptor (GR) dual inhibitor with IC₅₀ values of 0.13 μM and 0.83 μM for AR and GR, respectively. GA32 inhibits the proliferation

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

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of Enzalutamide resistance castration-resistant prostate cancer both in vitro and in vivo.

References:

[1]. Li C, et al. Design and Synthesis of Dual-Target Inhibitors Targeting Androgen Receptors and Glucocorticoid Receptors to Overcome Antiandrogen Resistance in Castration-Resistant Prostate Cancer. J Med Chem. 2024 Feb 22.

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