

Product Data Sheet

Product Name: EGR-1-IN-1

Cat. No.: GC74049

Chemical Properties

Cas. No. 3077196-25-6

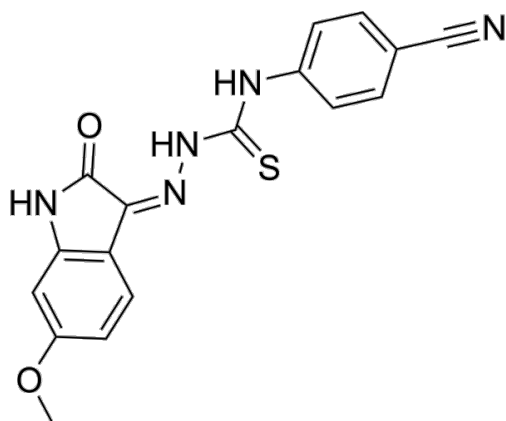
Formula $C_{17}H_{13}N_5O_2S$ M.Wt 351.38

Solubility 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

EGR-1-IN-1 (IT25) is an inhibitor targeting EGR-1, with IC_{50} of $1.86 \mu M$. EGR-1-IN-1 can be used in the research of inflammatory skin diseases.

References:

[1]. Ahn S, et al. Design, synthesis, and biological evaluation of 2-(2-oxoindolin-3-ylidene)drazinecarbothioamides as a potential EGR-1 inhibitor for targeted therapy of atopic dermatitis. *Bioorg Chem.* 2024 Jul;148:107481.

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

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