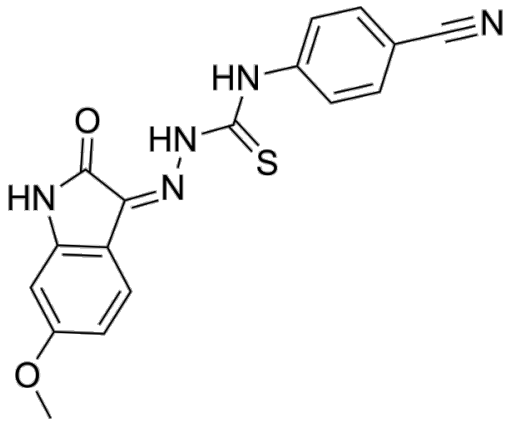
Product Data Sheet

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°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

EGR-1-IN-1 (IT25) is an inhibitor targeting EGR-1, with IC50 of 1.86 μM. 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.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA