

Product Data Sheet

Product Name: hTYR/AbTYR-IN-1

Cat. No.: GC73241

Chemical Properties

Cas. No. 1625821-37-5

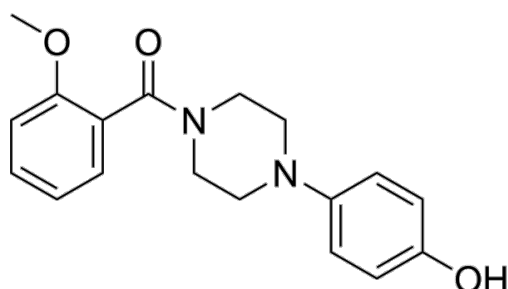
Formula $C_{18}H_{20}N_2O_3$ M.Wt 312.36

Solubility DMSO : 125 mg/mL (400.18 mM; Storage -20°C
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



Background

hTYR/AbTYR-IN-1 (Compound 7) is a hTYR/AbTYR dual inhibitor, with IC₅₀s of 5.4 μM and 3.52 μM

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

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for hTYR and AbTYR respectively.

References:

[1]. Ricci F, et al. Computational methods to analyze and predict the binding mode of inhibitors targeting both human and mushroom tyrosinase. Eur J Med Chem. 2023 Aug 28;260:115771.

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