

Product Data Sheet

Product Name: FAZ-3780

Cat. No.: GC73979

Chemical Properties

Cas. No.

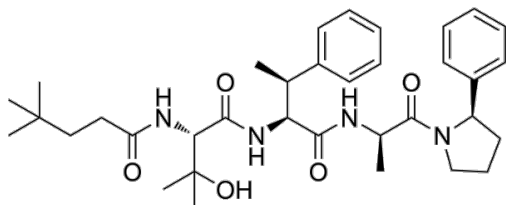
Formula $C_{35}H_{50}N_4O_5$ M.Wt 606.8

Solubility DMSO : 50 mg/mL (82.40 mM; Need ultrasonic) Storage Sealed storage, away from moisture

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

FAZ-3780 (compound G3Ib) is an inhibitor of binding to the NTF2L domain of G3BP1/2 that binds to G3BP1 with a K_d of 0.15 μ M. FAZ-3780 targets the protein-protein interaction domain of G3BP1/2 and specifically inhibits co-condensation of G3BP1, caprin 1, and RNA in vitro.

References:

[1]. Brian D Freibaum, et al. Identification of small molecule inhibitors of G3BP-driven stress granule formation. J Cell Biol. 2024 Mar 4;223(3):e202308083.

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

Product Data Sheet

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