

Product Data Sheet

Product Name: ACC1/2-IN-2

Cat. No.: GC27870

Chemical Properties

Cas. No. 1031411-94-5

Chemical Name Spiro[2H-1-benzopyran-2,4'-piperidin]-4(3H)-one, 6,7-dimethyl-1'-[(7-methyl-1H-indazol-5-yl)carbonyl]-

SMILES O=C1CC2(CCN(C(C3=CC4=C(NN=C4)C(C)=C3)=O)CC2)OC5=CC(C)=C(C)C=C15

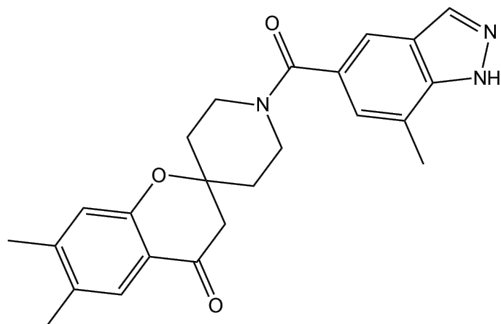
Formula $C_{24}H_{25}N_3O_3$ M.Wt 403.47

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

ACC1/2-IN-2 (compound PF-3) is a potent ACC1/2 inhibitor with IC₅₀ values of 22 and 48 nM for ACC1 and ACC2, respectively. ACC1/2-IN-2 has antiproliferation activity and can be used for cancer

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

research^[1].

References:

[1]. Wei Q, et al. Design, synthesis and biological evaluation of novel chroman derivatives as non-selective acetyl-CoA carboxylase inhibitors. Bioorg Chem. 2020 Aug;101:103943.

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