

Product Data Sheet

Product Name: TP-472
Cat. No.: GC40628

Chemical Properties

Cas. No. 2079895-62-6

SMILES O=C(C)C1=CC(C2=CC(C(NC3CC3)=O)=CC=C2C)=C4N=CC=CN41

Formula C₂₀H₁₉N₃O₂ M.Wt 333.4

Solubility Soluble in DMSO Storage Store at -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.

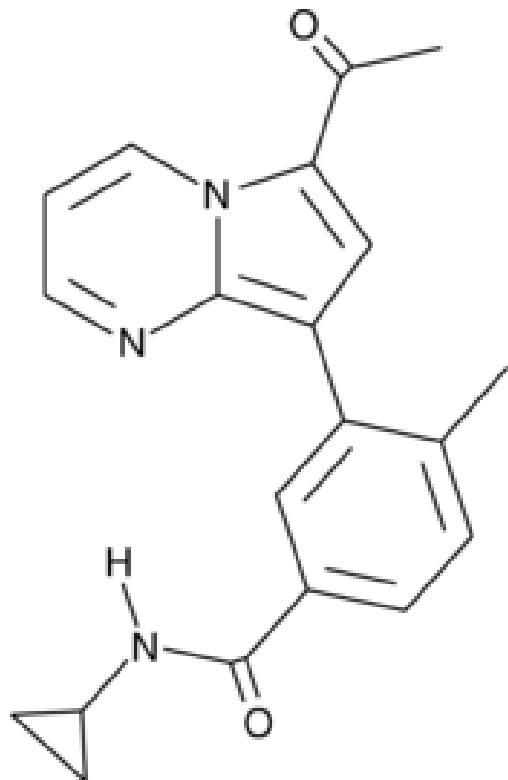
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Structure



Background

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

TP-472 is an inhibitor of bromodomain BRD9 ($K_d = 33$ nM; $EC_{50} = 320$ nM in a NanoBRET assay). It has >30-fold selectivity over all other bromodomain family members with the exception of the highly homologous BRD7 bromodomain ($K_d = 340$ nM in an isothermal titration calorimetry (ITC) assay). See the Structural Genomic Consortium (SGC) website for more information.

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