

---

## Product Data Sheet

---

Product Name: c-met-IN-1

Cat. No.: GC35717

### Chemical Properties

Cas. No. 2084836-84-8

SMILES FC1=CC(NC(C2=CN(C3=C(OC)C=CC=C3)C=N2)=O)=CC=C1OC4=CC=NC5=CC(OCCCN6CCN(C)CC6)=C(OC)C=C54Formula C<sub>35</sub>H<sub>37</sub>N<sub>6</sub>O<sub>5</sub>

M.Wt

640.7

Solubility Soluble in DMSO

Storage

Store at -20°C

General 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

c-met-IN-1 (compound 16) is a potent and selective c-Met inhibitor, with IC<sub>50</sub> of 1.1 nM, with antitumor activity.[1]. IC<sub>50</sub>: 1.1 nM (c-Met)[1]

c-met-IN-1 (compound 16) exhibits high selectivity and remarkable cytotoxicity against HT-29, MKN-45 and A549 cells with IC<sub>50</sub> values of 0.08 μM, 0.22 μM and 0.07 μM, respectively[1].

[1]. Wang X, et al. Design, synthesis and biological evaluation of novel 4-(2-fluorophenoxy)quinoline derivatives as selective c-Met inhibitors. Bioorg Med Chem. 2017 Feb 1;25(3):886-896.

**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

---