

## Product Data Sheet

Product Name: MPT0B390

Cat. No.: GC64729

### Chemical Properties

Cas. No. 1817802-18-8

Formula C<sub>17</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub>S

M.Wt 375.4

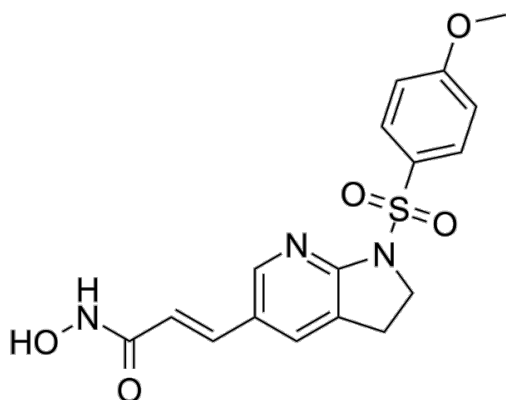
Solubility DMSO : 250 mg/mL (665.96 mM;  
Need ultrasonic)

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.

Structure



### Background

MPT0B390 is an arylsulfonamide-based derivative with potent HDAC inhibitory ability. MPT0B390, TIMP3 inducer, inhibits tumor growth, metastasis and angiogenesis. MPT0B390 shows

**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

---

antiproliferative activity against human colon cancer cell line HCT116 with the GI50 of 0.03  $\mu$ M[1].

[1]. Han-Li Huang, et al. TIMP3 expression associates with prognosis in colorectal cancer and its novel arylsulfonamide inducer, MPT0B390, inhibits tumor growth, metastasis and angiogenesis. Theranostics. 2019 Sep 18;9(22):6676-6689.

**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](mailto:tech@glpbio.com)

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