
Product Data Sheet

Product Name: OB 24 hydrochloride

Cat. No.: GC50348

Chemical Properties

Cas. No. 939825-12-4

SMILES BrC1=CC=C(C=C1)CCC2(OCCO2)CN3C=CN=C3.ClFormula C15H17BrN2O2.HCl M.Wt 373.67

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.

Structure **Background**

Potent and selective heme oxygenase 1 (HO-1) inhibitor (IC50 values are 1.9 and >100 µM for HO-1 and HO-2 respectively), reduces protein carbonylation and reactive oxygen species formation in advanced prostate cancer cells (PCA). Inhibits cell proliferation in vitro and PCA tumor growth and lymph node/lung metastases in vivo. Synergizes with Taxol .

Alaoui-Jamali et al (2009) A novel experimental heme oxygenase-1-targeted therapy for hormone-refractory prostate cancer. Cancer Res. 69 8017 PMID:19808972

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

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