
Product Data Sheet

Product Name: NSC 636819

Cat. No.: GC50136

Chemical Properties

Cas. No. 1618672-71-1

SMILES C1C(C=C1)=C(Cl)C=C1/C=C/C2=C([N+])([O-])=O)C=C([N+])([O-])=O)C(/C=C/C3=CC=C(Cl)C(Cl)=C3)=C2Formula C₂₂H₁₂Cl₄N₂O₄ M.Wt 510.15

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**

KDM4A/KDM4B inhibitor; inhibits histone demethylase activity on H3K9me3 and induces apoptosis in LNCaP prostate cancer cells in vitro. Also negatively regulates androgen-responsive genes.

Chu et al (2014) KDM4B as a target for prostate cancer: structural analysis and selective inhibition by a novel inhibitor. J.Med.Chem. 57 5975 PMID:24971742

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
