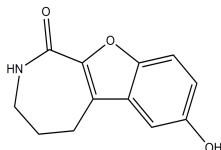


**Product: CID-755673****RELATED PRODUCTS:**  
CID-2011756 (Cat. No. 2607-5, 25)**ALTERNATE NAME:** 2,3,4,5-Tetrahydro-7-hydroxy-1*H*-benzofuro[2,3-*c*]azepin-1-one; ST083684**CATALOG #:** 2660-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>12</sub>H<sub>11</sub>NO<sub>3</sub>**MOLECULAR WEIGHT:** 217.22**CAS NUMBER:** 521937-07-5**APPEARANCE:** Brown solid**SOLUBILITY:** DMSO (>20 mg/ml) or EtOH (~ 5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** CID-755673 is a selective small molecule inhibitor of protein kinase D (PKD) (IC<sub>50</sub>s = 182, 280, 227 nM for PKD1, 2, and 3, respectively). It exhibits higher selectivity for PKD over Akt, polo-like kinase 1, CDK activating kinase, CAMKII and three different PKC isoforms (IC<sub>50</sub>s range from 15 to > 50 μM). At 25 μM, CID-755673 has been shown to inhibit prostate cancer cell proliferation, cell migration, and invasion.**REFERENCE:** Sharlow, E.R., *et al.* (2008). *J. Biol. Chem.* **283**, 33516-33526.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**FOR RESEARCH USE ONLY! Not to be used on humans.**