

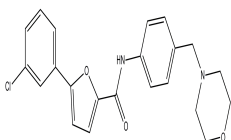
Product: CID-2011756

ALTERNATE NAME: 5-(3-Chlorophenyl)-N-[4-(4-morpholinylmethyl)phenyl]-2-furancarboxamide

CATALOG #: 2607-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₂₁ClN₂O₃

MOLECULAR WEIGHT: 396.87

CAS No. 638156-11-3

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (~18 mg/ml)

PURITY: >98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: Cell-permeable. CID-2011756 is an ATP-competitive protein kinase D (PKD) inhibitor with IC₅₀ values of 0.6, 0.7 and 3.2 μM for PKD2, PKD3 and PKD1 respectively. Inhibits phorbol ester-induced endogenous PKD1 activation in LNCaP prostate cancer cells.

REFERENCES: Sharlow, E.R., *et al.* (2011). *PLoS One* **6**, e25134.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Calphostin C (Cat. No. 2611-100)

PKD2, active (Cat. No. 7711-5)

FOR RESEARCH USE ONLY! Not to be used in humans.