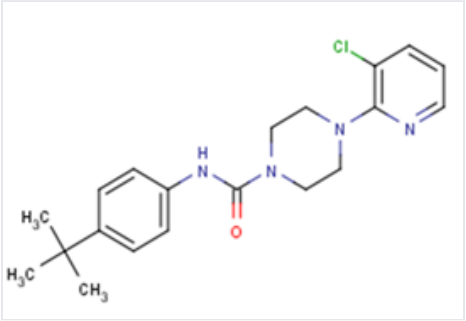
BCTC Inhibitor

PRODUCT OVERVIEW

Product Name	BCTC, Inhibitor
Full Product Name	BCTC
Product Gene Name	BCTC, inhibitor
Form/Format	Powder
Purity/Purification	98.00%
Preparation and Storage	Store at -20 degree C for 3 years powder; -80 degree C for 2 years in solvent For obtaining a higher solubility, please warm the tube at 37 degree C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 degree C for several month.
Molecular Weight	372.89
Formula	C20H25ClN4O
CAS	393514-24-4
Smiles	CC(C)(C)c1ccc(NC(=O)N2CCN(CC2)c2ncccc2Cl)cc1
Receptor (IC50)	TRPV1/8
Solubility	DMSO: 50mg/mL (134.09mM) (<1mg/ml refers to the product slightly soluble or insoluble)
Product Categories/Family for BCTC, inhibitor	Home; Membrane transporter/Ion Channel
Related Product Information for BCTC, inhibitor	BCTC is a potent TRPV1 antagonist that inhibits capsaicin-induced and acid-induced activation of rat TRPV1 (IC50 of 35 and 6nM, respectively)
Product References and Citations for BCTC, inhibitor	1. Gavva, N. R. Proton activation does not alter antagonist interaction with the capsaicin-binding pocket of TRPV1[J]. Molecular Pharmacology, 2005, 68 (6):1524---1533. 2. Liu T, Fang Z, Wang G, et al. Anti-tumor activity of the TRPM8 inhibitor BCTC in prostate cancer DU145 cells[J]. Oncology Letters, 2015.
Other Notes	Small volumes of BCTC, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for BCTC purchase	MBS5752320 is an inhibitor targeting BCTC.



Structure of BCTC, inhibitor

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/bctc/5752320