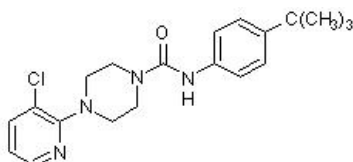


Product datasheet

BCTC, inhibitor of TRPV1 ab141517

Overview

Product name	BCTC, inhibitor of TRPV1
Description	Potent inhibitor of TRPV1
Biological description	Potent inhibitor of TRPV1 (IC ₅₀ values are 35 and 6 nM for capsaicin and acid-induced activation respectively). Inhibits TRPM8 (IC ₅₀ = 0.8 μM). Reduces hyperalgesia <i>in vivo</i> .
Purity	> 98%
CAS Number	393514-24-4
Chemical structure	



Properties

Chemical name	<i>N</i> -(4- <i>tert</i> -Butylphenyl)-4-(3-chloropyridin-2-yl)piperazine-1-carboxamide
Molecular weight	372.90
Molecular formula	C ₂₀ H ₂₅ ClN ₄ O
PubChem identifier	9929425
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 50 mM and in ethanol to 25 mM (with warming)
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	CC(C)(C)C1=CC=C(C=C1)NC(=O)N2CCN(CC2)C3=C(C=CC=N3)Cl
Source	Synthetic

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- Response to your inquiry within 24 hours

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- Extensive multi-media technical resources to help you
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