

SB-705498, TRPV1 antagonist

Catalog	Unit
TBI3985-5MG	5 mg
TBI3985-25MG	25 mg

Product Details

Formal Name: 1-(2-Bromophenyl)-3-[(3R)-1-[5-(trifluoromethyl)pyridine-2-yl]pyrrolidine-3-yl]urea

Molecular Formula: C₁₇H₁₆BrF₃N₄O

Formula Weight: 429.20

CAS Number: 501951-42-4

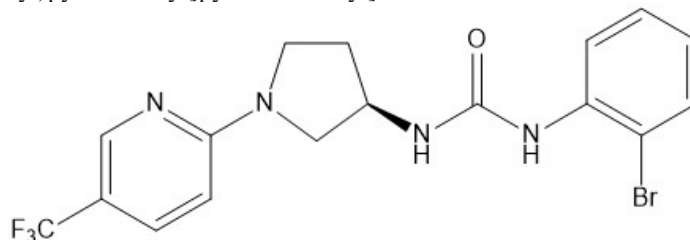
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

TRPV1 antagonist

Functions

SB-705498 is a potent and selective antagonist of the TRPV1 receptor (IC₅₀'s for receptor induction method: Capsaicin = 3 nM; Acid (pH5.3) = pIC₅₀ 7.1, and Heat = 6 nM) with activity in human, rat, and guinea pig receptors. SB-705498s activity is voltage dependent and shows >100 fold selectivity over the closely related TRPM8 receptor.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.