

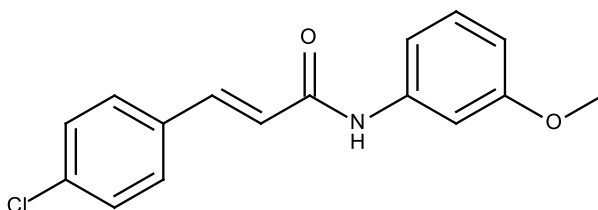
Catalog # 10-1217

SB-366791

CAS# 472981-92-3

3-(4-Chlorophenyl)-N-(3-methoxyphenyl)-2-propenamide

Lot # FBA1095



SB-366791 is a potent ($IC_{50} = 0.7 \mu M$) and selective TRPV1 antagonist.^{1,2} Selective for TRPV1 in a panel of 47 different binding assays.

- 1) Gunthorpe, *et al.*, (2004) *Identification and characterization of SB-366791, a potent and selective vanilloid receptor (VR1/TRPV1) antagonist*; *Neuropharmacology* **46** 133
- 2) Varga *et al.*, (2005) *Effects of the novel TRPV1 receptor antagonist SB366791 in vitro and in vivo in the rat*; *Neurosci.Lett.* **385** 137

PHYSICAL DATA

Molecular Weight:	287.75
Molecular Formula:	C ₁₆ H ₁₄ ClNO ₂
Purity:	>98% by TLC (50% Ethyl acetate/hexanes; R _f = 0.28) NMR: (Conforms)
Solubility:	DMSO (up to 25 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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