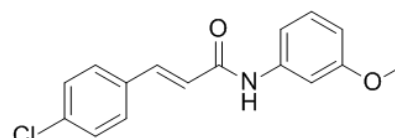


**Product Name** : SB-366791  
**Cat. No.** : PC-42931  
**CAS No.** : 472981-92-3  
**Molecular Formula** : C<sub>16</sub>H<sub>14</sub>ClNO<sub>2</sub>  
**Molecular Weight** : 287.7409  
**Target** : TRP Channel  
**Solubility** : DMSO: ≥ 39 mg/mL



### Biological Activity

SB-366791 (SB366791) is a potent and selective vanilloid receptor (VR1/**TRPV1**) antagonist with IC<sub>50</sub> of 5.7 nM. SB-366791 inhibits the response to capsaicin with pK(b) of 7.74 in FLIPR-based Ca(2+)-assay. SB-366791 shows good selectivity profile exhibiting little or no effect in a panel of 47 binding assays and no effect on either the I(h) or Voltage-gated Ca(2+)-channels in cultured rodent sensory neurones.

### References

- Gunthorpe MJ, et al. *Neuropharmacology*. 2004 Jan;46(1):133-49.  
Varga A, et al. *Neurosci Lett*. 2005 Sep 9;385(2):137-42.  
Lappin SC, et al. *Eur J Pharmacol*. 2006 Jul 1;540(1-3):73-81.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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