

Hello Bio, Inc.  
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500  
F. 609-228-4994

customercare-usa@hellobio.com



---

## DATASHEET

SOR-C13

---

### Product overview

<b>Name</b>	SOR-C13
<b>Cat No</b>	HB9294
<b>Biological description</b>	High affinity, use-dependent hTRPV6 antagonist ( $IC_{50} = 14nM$ ). SOR-C13 is a carboxy terminal truncated peptide derived from soricidin, a 54 residue paralytic peptide found in <i>Blarina brevicauda</i> venom. It reduces growth of human ovarian xenografts <i>in vivo</i> in NOD/SCID mouse models.
<b>Biological action</b>	Antagonist
<b>Purity</b>	>95%
<b>Description</b>	TRPV6 antagonist

---

### Solubility & Handling

<b>Storage instructions</b>	-20°C
<b>Solubility overview</b>	Soluble in aqueous buffer
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

---

### Chemical Data

<b>Molecular Weight</b>	1565.81
<b>Molecular Formula</b>	$C_{72}H_{116}N_{20}O_{19}$
<b>Sequence (one letter)</b>	KEFLHPSKVDLPR
<b>Sequence (three letter)</b>	H-Lys-Glu-Phe-Leu-His-Pro-Ser-Lys-Val-Asp-Leu-Pro-Arg-OH
<b>CAS Number</b>	1187852-48-7
<b>PubChem identifier</b>	121596688
<b>InChiKey</b>	LGANPTNILMNMES-TVNHODDRSA-N

---

### References

#### **In vivo detection of human TRPV6-rich tumors with anti-cancer peptides derived from soricidin.**

Bowen CV et al (2013) PLoS one 8

**PubMedID** [23554944](#)

#### **Inhibition of Transient Receptor Potential Vanilloid 6 channel, elevated in human ovarian cancers, reduces tumour growth in a xenograft model.**

Xue H et al (2018) Journal of Cancer 9

**PubMedID** [30210643](#)

---