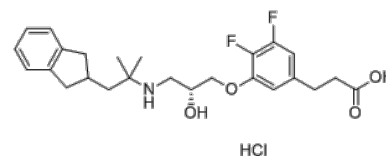


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<b>Product Name</b>	: Ronacaleret hydrochloride
<b>Cat. No.</b>	: PC-61506
<b>CAS No.</b>	: 702686-96-2
<b>Molecular Formula</b>	: C <sub>25</sub> H <sub>32</sub> ClF <sub>2</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	: 483.98
<b>Target</b>	: Calcium-sensing Receptor (CaSR)
<b>Solubility</b>	: 10 mM in DMSO



## Biological Activity

Ronacaleret (SB751689) hydrochloride is a potent calcium sensing receptor (**CaSR**) negative allosteric modulator with IC<sub>50</sub> of 146 nM for hCaSR.

Ronacaleret stimulates parathyroid hormone (PTH) release and increases bone formation markers.

Ronacaleret act as an effective oral anabolic agent to enhance fracture healing.

## References

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Fitzpatrick LA, et al. *Bone*. 2011 Oct;49(4):845-52.

Caltabiano S, et al. *Bone*. 2013 Sep;56(1):154-62.

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

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