

# Product Datasheet

## Pico145 (orb1307876)

<b>Catalog Number</b>	orb1307876
<b>Category</b>	Small Molecules
<b>Description</b>	Pico145 (HC-608) is a potent and selective small-molecule inhibitor of TRPC1/4/5 channels, exhibiting sub-nanomolar IC50 values against TRPC4 and TRPC5. It is a valuable research tool for studying the roles of these channels in pain, anxiety, and cancer in both cellular and animal models.
<b>Target</b>	TRP/TRPV Channel
<b>Purity</b>	99.06% (May vary between batches)
<b>MW</b>	524.88
<b>Target Areas</b>	TRP/TRPV Channel
<b>Solubility (25°C)</b>	DMSO:99 mg/mL (188.61 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (6.29 mM)
<b>CAS Number</b>	1628287-16-0
<b>Formula</b>	C <sub>23</sub> H <sub>20</sub> ClF <sub>3</sub> N <sub>4</sub> O <sub>5</sub>
<b>SMILES</b>	Cn1c2nc(Oc3cccc(OC(F)(F)F)c3)n(Cc3ccc(Cl)cc3)c2c(=O)n(CCCO)c1=O
<b>Storage</b>	Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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