

## Product Datasheet

### Posaconazole hydrate (orb611852)

<b>Description</b>	A triazole antifungal agent that blocks the synthesis of ergosterol by inhibiting of the enzyme lanosterol 14 $\alpha$ -demethylase and accumulation of methylated sterol precursors, more potent at inhibiting 14 $\alpha$ -demethylase than itraconazole..
<b>Note</b>	For research use only
<b>Formula</b>	C <sub>37</sub> H <sub>44</sub> F <sub>2</sub> N <sub>8</sub> O <sub>5</sub>
<b>MW</b>	718.792675018311
<b>CAS Number</b>	[1198769-38-8]
<b>SMILES</b>	<chem>FC1=CC=C([C@@]2(CN3C=NC=N3)C[C@H](COC4=CC=C(N5CCN(C6=CC=C(N7C=NN([C@@H](CC)[C@H](C)O)C7=O)C=C6)CC5)C=C4)CO2)C(F)=C1.O</chem>
<b>Expiration Date</b>	12 months from date of receipt.

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