

## Product Datasheet

### Bifeprunox Mesylate (orb1701047)

<b>Catalog Number</b>	orb1701047
<b>Category</b>	Small Molecules
<b>Description</b>	Bifeprunox is a partial dopamine and serotonin receptor agonist researched for schizophrenia. It inhibits VTA dopaminergic neuronal activity specifically via D2 autoreceptors and modulates nicotine-seeking behavior in rodent models. This compound is used in neuropharmacology studies investigating addiction and psychosis-related pathways.
<b>Target</b>	Dopamine Receptor,5-HT Receptor,Others
<b>MW</b>	481.56
<b>CAS Number</b>	350992-13-1
<b>Formula</b>	C <sub>25</sub> H <sub>27</sub> N <sub>3</sub> O <sub>5</sub> S
<b>SMILES</b>	O=C1OC=2C(=CC=CC2N3CCN(CC4=CC=CC(=C4)C=5C=CC=CC5)CC3)N1.O=S(=O)(O)C
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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