

## Product Datasheet

### (R)-PF-06256142 (orb1744696)

<b>Catalog Number</b>	orb1744696
<b>Category</b>	Small Molecules
<b>Description</b>	PF-06256142 is a potent and selective orthosteric dopamine D1 receptor agonist. Its R enantiomer exhibits low activity. This non-catechol agonist demonstrates reduced receptor desensitization and is used in vitro and in vivo to study D1 receptor signaling and related neurobiological mechanisms.
<b>Target</b>	Dopamine Receptor,Others
<b>MW</b>	356.38
<b>CAS Number</b>	1609583-15-4
<b>Formula</b>	C <sub>21</sub> H <sub>16</sub> N <sub>4</sub> O <sub>2</sub>
<b>SMILES</b>	<chem>CC1=C(N2C(C=N1)=NC=C2)C3=C(C)C=C(OC4=C5C(OC=C5)=CC=N4)C=C3</chem>
<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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