

## LDN193189, GMP Grade

**Cat. No.** LDN193189-17    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	LDN193189 (DM-3189) (GMP) is LDN193189 produced by using GMP guidelines. GMP small molecules works appropriately as an auxiliary reagent for cell therapy manufacture.
<b>Description</b>	LDN193189 is selective BMP type I receptor inhibitor.
<b>Form</b>	Solid, White to yellow
<b>Target</b>	TGF- $\beta$ Receptor
<b>In Vitro</b>	LDN193189 (GMP) (250 nM; 0-7 d) induces human pluripotent stem cells (hPSC) directly differentiates into midbrain dopamine neurons (mDA). LDN193189 (GMP) (200 nM) induces the generation of glucose-responsive $\beta$ cells from hPSCs in vitro.
<b>CAS</b>	1062368-24-4
<b>Formula</b>	C <sub>25</sub> H <sub>22</sub> N <sub>6</sub>
<b>Molecular Mass</b>	406.49
<b>Storage</b>	4 centigrade, sealed storage, away from moisture and light

### GENE INFORMATION

<b>Pathway</b>	TGF-beta/Smad
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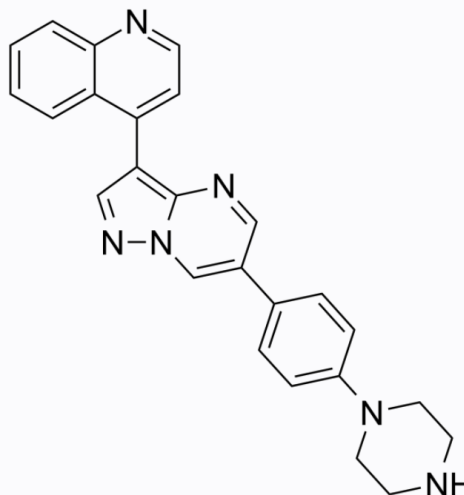
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**Synonyms**


LDN193189; DM-3189

**Chemical Structure**



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