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**Product Data Sheet**

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Product Name: (R)-PF-06256142

Cat. No.: GC62741

**Chemical Properties**

Cas. No. 1609583-15-4

Formula  $C_{21}H_{16}N_4O_2$  M.Wt 356.38

Solubility DMSO : 200 mg/mL (561.20 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

(R)-PF-06256142 is the R enantiomer of PF-06256142 with low active. PF-06256142 is a potent and selective orthosteric D1 receptor agonist that can reduce receptor desensitization relative to dopamine and other catechol-containing agonists[1].

[1]. Davoren JE, et al. Discovery and Lead Optimization of Atropisomer D1 Agonists with Reduced Desensitization. J Med Chem. 2018;61(24):11384-11397.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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