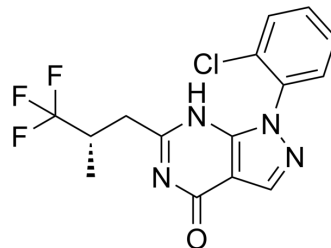


## (S)-BAY 73-6691

Cat. No.:	HY-104028B		
CAS No.:	794568-91-5		
Molecular Formula:	C <sub>15</sub> H <sub>12</sub> ClF <sub>3</sub> N <sub>4</sub> O		
Molecular Weight:	356.73		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

(S)-BAY 73-6691 is the isomer of BAY 73-6691 (HY-104028), and can be used as an experimental control. BAY 73-6691 ((R)-BAY 73-6691) is a potent, brain penetrant, and selective PDE9A inhibitor<sup>[1]</sup>.

### REFERENCES

[1]. Li J, et al. Protective effects of BAY 73-6691, a selective inhibitor of phosphodiesterase 9, on amyloid- $\beta$  peptides-induced oxidative stress in in-vivo and in-vitro models of Alzheimer's disease. Brain Res. 2016 Jul 1;1642:327-335.

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

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