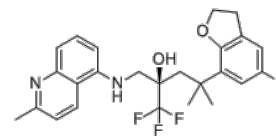

Product Name	: Mapracorat
Cat. No.	: PC-61603
CAS No.	: 887375-26-0
Molecular Formula	: C ₂₅ H ₂₆ F ₄ N ₂ O ₂
Molecular Weight	: 462.489
Target	: Glucocorticoid receptor (GR)
Solubility	: 10 mM in DMSO



Biological Activity

Mapracorat (ZK 245186) is a potent, selective and non-steroid **glucocorticoid receptor (GR)** agonist with binding K_i of 1.9 nM.

Mapracorat (ZK 245186) does not show significant activity for ER α , PR, AR or MR.

Mapracorat (ZK 245186) shows anti-inflammatory efficacy after topical application similar to the classical glucocorticoids, with a better safety profile.

References

Schäcke H, et al. *Br J Pharmacol*. 2009 Oct;158(4):1088-103.

Zhang JZ, et al. *Mol Vis*. 2009 Dec 8;15:2606-16.

Shafiee A, et al. *Invest Ophthalmol Vis Sci*. 2011 Mar 14;52(3):1422-30.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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