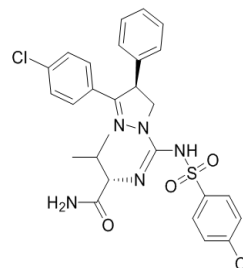


Data Sheet

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Product Name	:JD-5037
Cat.No.	:URK-V654
CAS No.	:1392116-14-1
Molecular Formula	:C ₂₇ H ₂₇ Cl ₂ N ₅ O ₃ S
Molecular Weight	:572.506
Target	:Cannabinoid Receptor
Solubility	:10 mM in DMSO



Biological Activity

A selective, peripherally restricted cannabinoid-1(CB1) receptor blocker with IC₅₀ of 1.5 nM; shows no effect on CB2 (>10 μM); equieffective with its brain-penetrant parent compound in reducing appetite, body weight, hepatic steatosis, and insulin resistance, even though it does not occupy central CB1R or induce related behaviors.

References

1. Chorvat RJ, et al. Bioorg Med Chem Lett. 2012 Oct 1;22(19):6173-80.
2. Tam J, et al. Cell Metab. 2012 Aug 8;16(2):167-79.
3. Knani I, et al. Mol Metab. 2016 Oct 22;5(12):1187-1199.

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

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