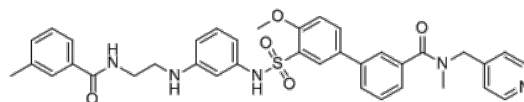


Product Name : RTOXA-43
Cat. No. : PC-20563
CAS No. : 2832067-72-6
Molecular Formula : C₃₇H₃₇N₅O₅S
Molecular Weight : 663.79
Target : Orexin Receptor
Solubility : 10 mM in DMSO



CAS: 2832067-72-6

Biological Activity

RTOXA-43 is a potent, dual orexin receptor agonist with EC₅₀ of 24 nM at both **OX2R** and **OX1R**. RTOXA-43 (40 mg/kg, i.p.) increased time awake, decreased time asleep and increased sleep/wake consolidation when measured using continuous EEG/EMG recordings in 12-month old mice.

References

Dehui Zhang, et al. *J Med Chem*. 2021 Jun 24;64(12):8806-8825.

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

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