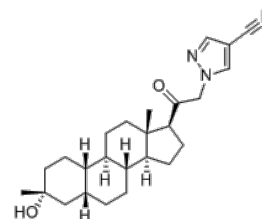


Product Name : Zuranolone
Cat. No. : PC-38319
CAS No. : 1632051-40-1
Molecular Formula : C₂₅H₃₅N₃O₂
Molecular Weight : 409.6
Target : GABA Receptor
Solubility : 10 mM in DMSO



1. Martinez Botella G, et al. *J Med Chem*. 2017 Sep 28;60(18):7810-7819.

Biological Activity

Zuranolone (SAGE-217) is an orally active, positive allosteric modulator of the **GABAA receptor** with EC₅₀ of 375/299 nM ($\alpha 1\beta 2\gamma 2/\alpha 4\beta 3\delta$).

Zuranolone (SAGE-217) shows an IC₅₀ of 7 nM in the [³⁵S]TBPS binding assays.

Zuranolone (SAGE-217) displays remarkably selectivity against a broad panel of enzymes and receptors (78 targets) in a pan-screen.

Acute administration of SAGE-217 (0.3-10 mg/kg, ip) effectively reduced pentylenetetrazol (PTZ)-induced seizures in mice, as well as producing a dose-dependent anticonvulsant effect in the mouse 6 Hz electrical stimulation model.

References

