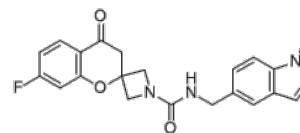


Product Name : RGH-560
Cat. No. : PC-21497
CAS No. : 2408799-43-7
Molecular Formula : C₂₂H₂₀FN₃O₃
Molecular Weight : 393.42
Target : nAChR
Solubility : 10 mM in DMSO



CAS: 2408799-43-7

Biological Activity

RGH-560 (RGH560) is a potent, selective **α7 nAChR** positive allosteric modulator (PAM) with EC₅₀ of 190 nM (Ca²⁺-influx). RGH-560 effectively reverses the scopolamine-induced cognitive impairment with a MED of 10 mg/kg. RGH-560 is effective in rodent models of cognition, e.g., in the place recognition test. RGH-560 shows significant cognitive-enhancement in scopolamine-induced amnesia in mice.

References

István Ledneczki, et al. *J Med Chem.* 2023 Nov 21. doi: 10.1021/acs.jmedchem.3c01635.

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

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