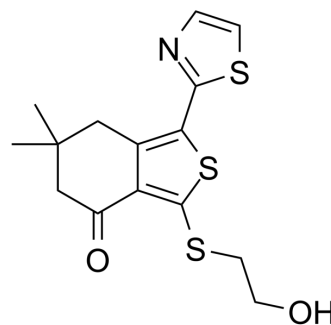


TB-21007

Cat. No.:	HY-103510
CAS No.:	207306-50-1
Molecular Formula:	C ₁₅ H ₁₇ NO ₂ S ₃
Molecular Weight:	339.5
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TB-21007 is an inverse agonist of $\alpha_5\beta_3\gamma_2$ subunit-containing GABA_A receptor with a K_i of 1.6 nM. TB-21007 enhanced spatial memory in rats^[1].

REFERENCES

[1]. Chambers MS, et al. Identification of a novel, selective GABA(A) alpha5 receptor inverse agonist which enhances cognition. J Med Chem. 2003 May 22;46(11):2227-40.

Caution: Product has not been fully validated for medical applications. For research use only.

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