



Product Information

THIP

Cat. No.: X23-12-YM395

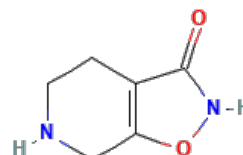
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 64603-91-4

PubChem CID: 3448

Synonym: 64603-91-4; Gaboxadol

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	THIP interferes with or suppresses the transmission of signals between neurons in the nervous system. It targets $\alpha 4\beta 3\delta$ GABAAR.
Molecular Weight	140.14
Molecular Formula	C ₆ H ₈ N ₂ O ₂
Targets	$\alpha 4\beta 3\delta$ GABAAR: 13 μ M
IUPAC Name	4, 5, 6, 7-Tetrahydro-[1, 2]oxazolo[5, 4-c]pyridin-3-one
InChI	InChI=1S/C6H8N2O2/c9-6-4-1-2-7-3-5(4)10-8-6/h7H, 1-3H2, (H, 8, 9)
InChI Key	ZXRVKCBLGJOCEE-UHFFFAOYSA-N
Canonical SMILES	C1CNCC2=C1C(=O)NO2
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	THIP can be studied extensively for its anxiolytic effects by modulating GABAergic inhibition, which could be beneficial in the management of anxiety disorders.
Storage	Store at -20°C, and keep desiccated.