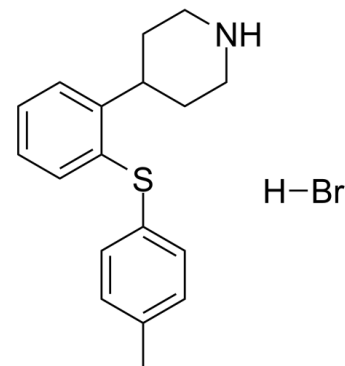


Data Sheet

Product Name:	Tedatioxetine (hydrobromide)
Cat. No.:	CS-6846
CAS No.:	960151-65-9
Molecular Formula:	C ₁₈ H ₂₂ BrNS
Molecular Weight:	364.34
Target:	5-HT Receptor; Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Solubility:	DMSO : 100 mg/mL (274.47 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Tedatioxetine (Lu AA24530) hydrobromide acts as a serotonin and norepinephrine (NE)-preferring triple reuptake inhibitor (TRI) and **5-HT_{2A}, 5-HT_{2C}, 5-HT₃ and α_{1A} -adrenergic receptor** antagonist^[1]

, IC₅₀ & Target: 5-HT^[1]

Adrenergic receptor^[1] **In Vitro:** Tedatioxetine is an antidepressant agent. It acts as a triple reuptake inhibitor and 5-HT_{2A}, 5-HT_{2C}, 5-HT₃ and α_{1A} -adrenergic receptor antagonist^[1].

References:

[1]. Javelot H. [Psychopharmacology of anxiety and depression: Historical aspects, current treatments and perspectives]. Ann Pharm Fr. 2016 Mar;74(2):93-118.

CAS Index Names:

Piperidine, 4-[2-[(4-methylphenyl)thio]phenyl]-, hydrobromide (1:1)

SMILES:

CC1=CC=C(SC2=CC=CC=C2C3CCNCC3)C=C1.[H]Br

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

Tel: 732-484-9848

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA