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## Product Datasheet

### Tiagabine hydrochloride, CAS [[145821-59-6]] FBM-10-4384

Article Name	Tiagabine hydrochloride, CAS [[145821-59-6]]
Biozol Catalog Number	FBM-10-4384
Supplier Catalog Number	10-4384
Alternative Catalog Number	FBM-10-4384-10MG,FBM-10-4384-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	GABA transporter 1 (GAT1) inhibitor...
Molecular Weight	412.00
Purity	>98% by HPLC NMR (Conforms)
Form	Off white or beige solid
CAS Number	[145821-59-6]
Formula	C <sub>20</sub> H <sub>25</sub> NO <sub>2</sub> S <sub>2</sub> HCl
Application Notes	Tiagabine is a clinically useful anticonvulsant. <sup>1</sup> It is also used to treat anxiety/panic disorder <sup>2</sup> and neuropathic pain <sup>3</sup> . Tiagabine inhibits GABA-reuptake (IC <sub>50</sub> [3H]GABA uptake = 67 nM) via inhibiting GABA transporter 1(GAT1) blocking both neuronal and glial GABA re-uptake. <sup>4,5</sup>