

## Product Information

### VU0152100

**Cat. No.:** X23-12-YM396

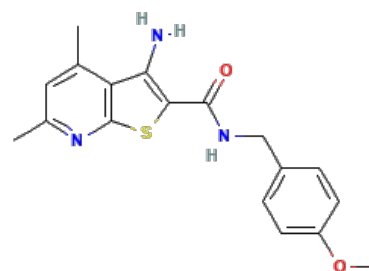
**Size:** 10 mg; 25 mg; 50 mg; 100 mg

**CAS Number:** 409351-28-6

**PubChem CID:** 864492

**Synonym:** 409351-28-6; 3-Amino-*N*-[(4-methoxyphenyl)methyl]-4, 6-dimethylthieno[2, 3-*b*]pyridine-2-carboxamide

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



### Product Information

<b>Description</b>	VU0152100 interferes with or suppresses the transmission of signals between neurons in the nervous system. It targets mAChR4.
<b>Molecular Weight</b>	341.43
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>19</sub> N <sub>3</sub> O <sub>2</sub> S
<b>Targets</b>	mAChR4
<b>IUPAC Name</b>	3-Amino- <i>N</i> -[(4-methoxyphenyl)methyl]-4, 6-dimethylthieno[2, 3- <i>b</i> ]pyridine-2-carboxamide
<b>InChI</b>	InChI=1S/C18H19N3O2S/c1-10-8-11(2)21-18-14(10)15(19)16(24-18)17(22)20-9-12-4-6-13(23-3)7-5-12/h4-8H, 9, 19H2, 1-3H3, (H, 20, 22)
<b>InChI Key</b>	MDNWGCQSCGNTKH-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC1=CC(=NC2=C1C(=C(S2)C(=O)NCC3=CC=C(C=C3)OC)N)C
<b>Form</b>	Lyophilized powder
<b>Purity</b>	>98%
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	VU0152100 can be studied extensively for its ability to modulate GABAB receptors.
<b>Storage</b>	Store at -20°C, and keep desiccated.