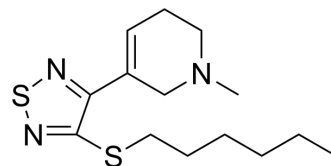


## Tazomeline

Cat. No.:	HY-106949
CAS No.:	131987-54-7
Molecular Formula:	C <sub>14</sub> H <sub>23</sub> N <sub>3</sub> S <sub>2</sub>
Molecular Weight:	297.48
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tazomeline is a selective M1 muscarinic receptor agonist. Tazomeline inhibits twitch height in rabbit vas deferens (IC<sub>50</sub> = 0.001 nM). Tazomeline can be used for research of neuropsychiatric disorders<sup>[1]</sup>.

### REFERENCES

[1]. Sauerberg P, et al. Novel functional M1 selective muscarinic agonists. Synthesis and structure-activity relationships of 3-(1,2,5-thiadiazolyl)-1,2,5,6-tetrahydro-1-methylpyridines. J Med Chem. 1992 Jun 12;35(12):2274-83.

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

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