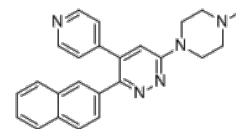


**Product Name** : MW-150  
**Cat. No.** : PC-60434  
**CAS No.** : 1628502-91-9  
**Molecular Formula** : C<sub>24</sub>H<sub>23</sub>N<sub>5</sub>  
**Molecular Weight** : 381.483  
**Target** : p38 MAPK  
**Solubility** : 10 mM in DMSO



## Biological Activity

MW-150 (MW01-18-150 SRM) is a novel potent, selective, CNS penetrant and orally active inhibitor of **p38 $\alpha$  MAPK** with Ki of 101 nM.

MW-150 effectively suppresses hippocampal-dependent associative and spatial memory deficits in synaptic dysfunction mouse models.

MW-150 also can selectively modulate neuroinflammatory responses associated with pathology progression.

## References

Roy SM, et al. *ACS Chem Neurosci*. 2015 Apr 15;6(4):666-80.

Zhou Z, et al. *J Neuroinflammation*. 2017 Apr 5;14(1):75.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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