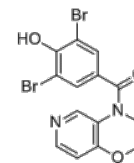


**Product Name** : UR-1102  
**Cat. No.** : PC-60708  
**CAS No.** : 1198153-15-9  
**Molecular Formula** : C<sub>14</sub>H<sub>10</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>3</sub>  
**Molecular Weight** : 414.053  
**Target** : URAT1  
**Solubility** : 10 mM in DMSO



### Biological Activity

Epaminurad (UR-1102) is a novel potent and selective, orally active **URAT1** inhibitor with K<sub>i</sub> of 57 nM, 130 and 42-fold selectivity over OAT1 and OAT3, respectively.

UR-1102 increases the fractional excretion of urinary uric acid, and reduces plasma uric acid more effectively in vivo, compared with benzbromarone.

UR-1102 also shows lower in vitro potential for mechanisms causing the hepatotoxicity induced by benzbromarone.

### References

Ahn SO, et al. *J Pharmacol Exp Ther.* 2016 Apr;357(1):157-66.

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

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