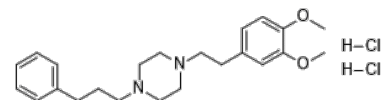


**Product Name** : Cutamesine dihydrochloride  
**Cat. No.** : PC-24212  
**CAS No.** : 165377-44-6  
**Molecular Formula** : C<sub>23</sub>H<sub>34</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 441.44  
**Target** : Sigma Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Cutamesine dihydrochloride (SA4503, AGY94806) is a potent, selective sigma 1 receptor ( $\sigma$ 1R) agonist, shows high affinity for sigma 1 receptor with IC<sub>50</sub> of 17.4 nM, 100-fold over sigma 2 receptor.

## References

Matsuno K, et al. Eur J Pharmacol. 1996 Jun 13;306(1-3):271-9.

Minabe Y, et al. Synapse. 1999 Aug;33(2):129-40.

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

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