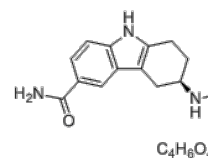


**Product Name** : Frovatriptan succinate hydrate  
**Cat. No.** : PC-70074  
**CAS No.** : 158930-17-7  
**Molecular Formula** : C<sub>18</sub>H<sub>25</sub>N<sub>3</sub>O<sub>6</sub>  
**Molecular Weight** : 379.41  
**Target** : 5-HT Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Frovatriptan (SB209509, VML251) succinate hydrate is a potent, long lasting 5-HT(1B/1D) receptor agonist with pK<sub>50</sub> of 8.2(5-HT1B).

Frovatriptan exhibits >10-fold selectivity for 5-HT1B and 5-HT1D over 5-HT1A, 5-HT1F, and 5-HT7 and >1000-fold selectivity over other 5-HT, dopamine, histamine H1, and α1-adrenoceptor.

Frovatriptan shows antimigraine activities.

## References

Parsons AA, et al. *J Cardiovasc Pharmacol.* 1997 Jul;30(1):136-41

Parsons AA, et al. *J Cardiovasc Pharmacol.* 1998 Aug;32(2):220-4.

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

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