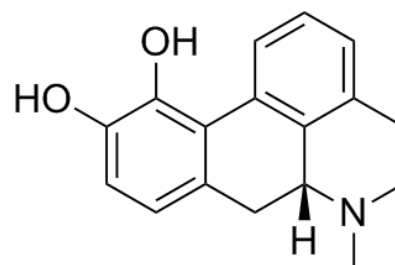


**Product Name** : Apomorphine hydrochloride hemihydrate  
**Cat. No.** : PC-43162  
**CAS No.** : 41372-20-7  
**Molecular Formula** :  $C_{17}H_{17}NO_2 \cdot \frac{1}{2}H_2O \cdot HCl$   
**Molecular Weight** : 312.79  
**Target** : Dopamine Receptor  
**Solubility** : DMSO:  $\geq 30$  mg/mL



H-Cl  
0.5H<sub>2</sub>O

### Biological Activity

Apomorphine hydrochloride hemihydrate is a non-selective dopamine agonist which activates both D1-like and D2-like receptors, with some preference for the latter subtypes.

Parkinson Disease

Approved

### References

Arroyo-García LE, et al. Mol Neurobiol. 2018 Mar 26. doi: 10.1007/s12035-018-0991-2.

Jung YS, et al. Biochem Biophys Res Commun. 2017 Jun 10;487(4):903-909.

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

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