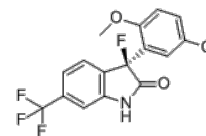


**Product Name** : BMS-204352  
**Cat. No.** : PC-60688  
**CAS No.** : 187523-35-9  
**Molecular Formula** : C<sub>16</sub>H<sub>10</sub>ClF<sub>4</sub>NO<sub>2</sub>  
**Molecular Weight** : 359.7  
**Target** : Potassium Channel  
**Solubility** : 10 mM in DMSO



## Biological Activity

Flindokalner (BMS-204352) is a potent and effective calcium-sensitive opener of maxi-K potassium channels (**maxi-K**) with EC<sub>50</sub> of 392 nM at -48.4 mV in HEK293 isolated outside-out membrane patches.

Flindokalner (BMS-204352) is a potent and effective opener of two important subtypes of neuronal potassium channels, K(Ca) channels and KCNQ channels, strongly activates the voltage-gated K<sup>+</sup> channel KCNQ5 with EC<sub>50</sub> of 2.4 μM.

Flindokalner (BMS-204352) shows significant levels of cortical neuroprotection in rat models of permanent large-vessel stroke.

## References

- Gribkoff VK, et al. *Nat Med*. 2001 Apr;7(4):471-7.  
Schröder RL, et al. *Neuropharmacology*. 2001 Jun;40(7):888-98.  
Dupuis DS, et al. *Eur J Pharmacol*. 2002 Feb 22;437(3):129-37.  
Hewawasam P, et al. *Bioorg Med Chem Lett*. 2002 Apr 8;12(7):1023-6.

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

E-mail: tech@probechem.com