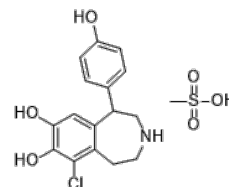


**Product Name** : Fenoldopam mesylate  
**Cat. No.** : PC-23532  
**CAS No.** : 67227-57-0  
**Molecular Formula** : C<sub>16</sub>H<sub>16</sub>ClNO<sub>3</sub>  
**Molecular Weight** : 305.76  
**Target** : Dopamine Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Fenoldopam (SKF82526) is a potent, selective dopamine-1 (DA-1) receptor partial agonist with EC<sub>50</sub> of 55.5 nM in stimulating cAMP accumulation in LLC-PK1 cells.

Fenoldopam (SKF82526) blocks by the DA1-selective antagonist Sch 23390.

Fenoldopam (SKF82526) is a potent, selective, orally active renal vasodilator which acts, at least in part, through stimulation of renal vascular dopamine receptors and is without significant effect on central dopamine receptors after systemic administration.

Fenoldopam (SKF82526) shows potent renal vasodilating properties.

## References

Hahn RA, et al. J Pharmacol Exp Ther. 1982 Nov;223(2):305-13.

Carey RM, et al. J Clin Invest. 1984 Dec;74(6):2198-207.

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

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