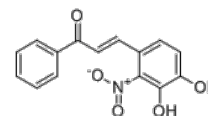


**Product Name** : QO IIR  
**Cat. No.** : PC-35901  
**CAS No.** : 150404-10-7  
**Molecular Formula** : C<sub>15</sub>H<sub>11</sub>NO<sub>5</sub>  
**Molecular Weight** : 285.255  
**Target** : COMT  
**Solubility** : 10 mM in DMSO



### Biological Activity

QO IIR is a reversible, tight-binding inhibitor of **catechol-O-methyltransferase (COMT)** with IC<sub>50</sub> of 320 nM.

QO IIR fully reverses the reserpine-induced catalepsy in vivo.

QO IIR demonstrates behavioural and neurochemical effects in reserpinized rats treated with LD/CD.

### References

Rivas E, et al. *Br J Pharmacol*. 1999 Apr;126(7):1667-73.

Pérez RA, et al. *Biochem Pharmacol*. 1993 May 25;45(10):1973-81.

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

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