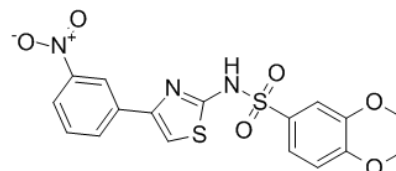


**Product Name** : Ro 61-8048  
**Cat. No.** : PC-42997  
**CAS No.** : 199666-03-0  
**Molecular Formula** : C<sub>17</sub>H<sub>15</sub>N<sub>3</sub>O<sub>6</sub>S<sub>2</sub>  
**Molecular Weight** : 421.4475  
**Target** : Kynurenine 3-Monooxygenase (KMO)  
**Solubility** : DMSO: ≥ 59 mg/mL



## Biological Activity

Ro 61-8048 is a potent, orally active Kynurenine 3-monooxygenase (KMO) inhibitor with IC<sub>50</sub> of 37 nM; effectively blocks rat and gerbil kynurenine 3-hydroxylase after oral administration, with ED<sub>50</sub> of 3-5 μM/kg range in gerbil brain, reduce ischemic brain damage in models of focal or global brain ischemia; also improves dystonia in a genetic model of paroxysmal dyskinesia.

## References

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Cozzi A, et al. J Cereb Blood Flow Metab. 1999 Jul;19(7):771-7.  
Richter A, et al. Eur J Pharmacol. 2003 Sep 30;478(1):47-52.

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

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