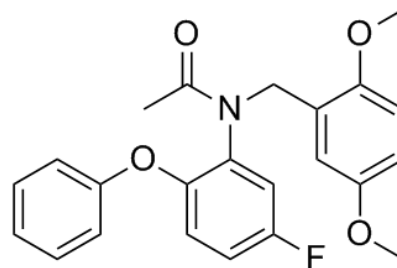


**Product Name** : DAA-1106  
**Cat. No.** : PC-45756  
**CAS No.** : 220551-92-8  
**Molecular Formula** : C<sub>23</sub>H<sub>22</sub>FNO<sub>4</sub>  
**Molecular Weight** : 395.4235  
**Target** : Translocator Protein (TSPO)  
**Solubility** : DMSO: ≥ 35 mg/mL



## Biological Activity

A potent, selective agonist of **PBR/TSPO** that inhibits [3H]PK 11195 binding to crude mitochondrial preparations of rat whole brain with IC<sub>50</sub> of 0.92 nM; significantly increases sleeping time in hexobarbital-induced anesthesia, has anxiolytic effects with no affect for spontaneous locomotor activity in mice; orally active.

## References

- Okuyama S, et al. *Life Sci.* 1999;64(16):1455-64.  
Chaki S, et al. *Eur J Pharmacol.* 1999 Apr 29;371(2-3):197-204.  
Okubo T, et al. *Bioorg Med Chem.* 2004 Jan 15;12(2):423-38.

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

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