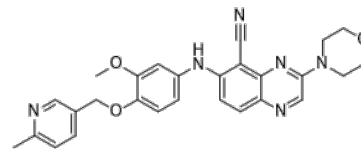


**Product Name** : EI-1071  
**Cat. No.** : PC-24951  
**CAS No.** : 2222689-47-4  
**Molecular Formula** : C<sub>27</sub>H<sub>26</sub>N<sub>6</sub>O<sub>3</sub>  
**Molecular Weight** : 482.54  
**Target** : c-Fms (CSF1R)  
**Solubility** : 10 mM in DMSO



CAS: 2222689-47-4

### Biological Activity

EI-1071 (Enrupatinib) is a potent, selective brain-penetrant and orally bioavailable colony stimulating factor-1 receptor (**CSF-1R**, c-FMS) inhibitor.

EI-1071 induced significant changes in microglial homeostasis, neuroinflammation, and neuronal injuries.

EI-1071 is effective in reducing activated microglia, neuroinflammation and neuronal injuries, resulting in a significant improvement of memory function in the 5xFAD model.

### References

Wahyu Dewi Tamayanti, et al. <https://doi.org/10.1002/alz.091161>

Patent WO2025019622 A2.

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

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