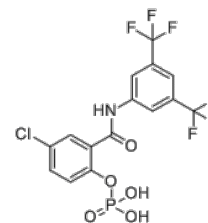


**Product Name** : AER-271  
**Cat. No.** : PC-36073  
**CAS No.** : 634913-39-6  
**Molecular Formula** : C<sub>15</sub>H<sub>9</sub>ClF<sub>6</sub>NO<sub>5</sub>P  
**Molecular Weight** : 463.653  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

AER-271 (AER271) is a selective, small molecule inhibitor of **aquaporin-4 (AQP4)**, the prodrug of AER-270 with enhanced solubility.

AER-271 shows improved neurological outcome and reduced swelling in two models of CNS injury complicated by cerebral edema.

## References

Farr GW, et al. *Neuroscience*. 2019 Feb 6. pii: S0306-4522(19)30054-5.

Wallisch JS, et al. *Pediatr Res*. 2018 Oct 26. doi: 10.1038/s41390-018-0215-5.

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

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