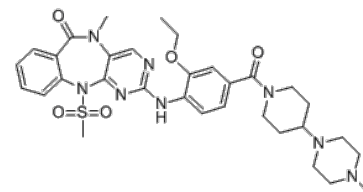


**Product Name** : AX-15836  
**Cat. No.** : PC-70300  
**CAS No.** : 2035509-96-5  
**Molecular Formula** : C<sub>32</sub>H<sub>40</sub>N<sub>8</sub>O<sub>5</sub>S  
**Molecular Weight** : 648.783  
**Target** : ERK  
**Solubility** : 10 mM in DMSO



## Biological Activity

AX-15836 (AX15836) is a potent, highly selective ERK5 inhibitor with IC<sub>50</sub> of 8 nM. AX-15836 shows little affinity for BRD4 (K<sub>d</sub>=3.6 μM). AX-15836 clearly inhibits the EGF-stimulated, phosphorylated form of ERK5 in HeLa cells.

## References

Lin EC, et al. *Proc Natl Acad Sci U S A*. 2016 Oct 18;113(42):11865-11870.

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

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