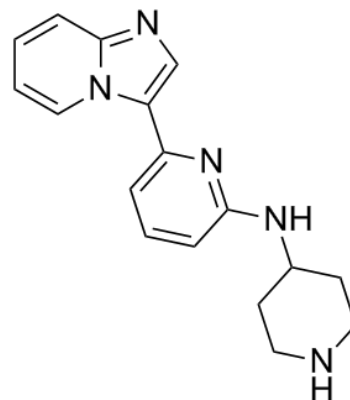


**Product Name** : IRAK inhibitor 1  
**Cat. No.** : PC-43454  
**CAS No.** : 1042224-63-4  
**Molecular Formula** : C<sub>17</sub>H<sub>19</sub>N<sub>5</sub>  
**Molecular Weight** :  
**Target** : IRAK  
**Solubility** : DMSO: 12.2 mg/mL



### Biological Activity

IRAK inhibitor 1 is a potent IRAK-4 inhibitor with IC<sub>50</sub> of 216 nM, shows little to no activity against JNK-1 and JNK-2 with IC<sub>50</sub> of 3.801 μM and >10 μM, respectively.

### References

Buckley GM, et al. *Bioorg Med Chem Lett*. 2008 Jun 1;18(11):3291-5.

Li S, et al. *Proc Natl Acad Sci U S A*. 2002 Apr 16;99(8):5567-72.

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

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