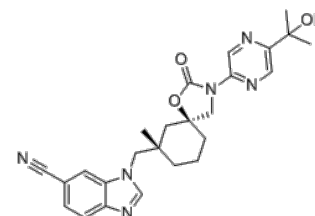


**Product Name** : GSK2798745  
**Cat. No.** : PC-72599  
**CAS No.** : 1419609-94-1  
**Molecular Formula** : C<sub>25</sub>H<sub>28</sub>N<sub>6</sub>O<sub>3</sub>  
**Molecular Weight** : 460.538  
**Target** : TRP Channel  
**Solubility** : 10 mM in DMSO



## Biological Activity

GSK2798745 (GSK-2798745) is a potent, selective **TRPV4** inhibitor with IC<sub>50</sub> of 1.8/1.6 nM (hTRPV4/rTRPV4). GSK2798745 displays excellent TRP selectivity (M5, A1, C3, and C6 >25 μM, and efficacy in an in vivo rat PK/PD model of pulmonary edema.

## References

Brooks CA, et al. *ACS Med Chem Lett.* 2019 Jul 15;10(8):1228-1233.

Ludbrook VJ, et al. *ERJ Open Res.* 2021 Aug 2;7(3):00269-2021.

Xu X, et al. *J Pharmacol Exp Ther.* 2021 Mar;376(3):436-443.

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

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