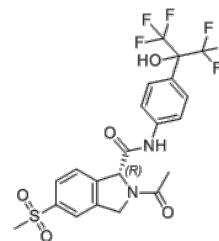


**Product Name** : AZD-0284  
**Cat. No.** : PC-63337  
**CAS No.** : 2101291-07-8  
**Molecular Formula** : C<sub>21</sub>H<sub>18</sub>F<sub>6</sub>N<sub>2</sub>O<sub>5</sub>S  
**Molecular Weight** : 524.434  
**Target** : ROR  
**Solubility** : 10 mM in DMSO



1. Frank Narjes, et al. *J Med Chem.* 2021 Sep

## Biological Activity

AZD-0284 is a potent, selective, orally bioavailable RORC2 (**RORyt**) inverse agonist with IC<sub>50</sub> of 17 nM in TH17 cell assays. AZD-0284 potently inhibited IL-17A secretion from primary human TH17 cells with excellent metabolic stability and good PK in preclinical species.

AZD-0284 reduced thymocyte numbers in mice and showed dose-dependent reduction of IL-17A containing γδ-T cells and of IL-17A and IL-22 RNA in the imiquimod induced inflammation model.

## References

23;64(18):13807-13829.

