

## SR-1001, RORag agonist

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Catalog	Unit
TBI1290-5MG	5 mg
TBI1290-25MG	25 mg

### Product Details

**Formal Name:** N-(5-(N-(4-(1,1,1,3,3,3-Hexafluoro-2-hydroxypropan-2-yl)phenyl)sulphamoyl)-4-methylthiazol-2-yl)acetamide

**Molecular Formula:** C<sub>15</sub>H<sub>13</sub>F<sub>6</sub>N<sub>6</sub>O<sub>4</sub>S<sub>2</sub>

**Formula Weight:** 477.39

**CAS Number:** 1335106-03-0

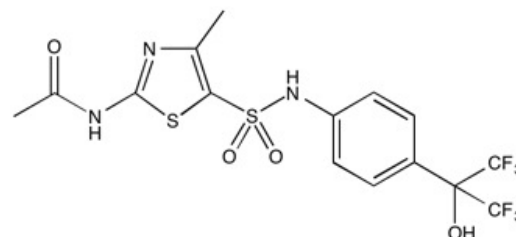
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 40 mg/ml) or in Ethanol (up to 40 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

RORag agonist

### Functions

A high affinity synthetic ligand for both ROR $\alpha$  and ROR $\gamma$ t acting as an inverse agonist. It binds specifically to the ligand-binding domain, inducing a conformational change which leads to diminished affinity for co-activators and increased affinity for co-repressors resulting in suppression of transcriptional activity. It inhibits the development of murine TH17 cells and suppresses the expression of cytokines. Suppresses insulinitis and prevents hyperglycemia in a type 1 diabetes mouse model. Protects against pathologic neovascularization in various mouse models of retinopathy. Active in vivo

### Application Procedures

First dissolved in DMSO (up to 40 mg/ml) or in Ethanol (up to 40 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

**For research use only.**