

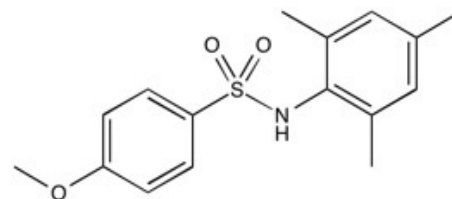
## GSK-137647, GPR120 agonist

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Catalog	Unit
TBI1516-10MG	10 mg
TBI1516-50MG	50 mg

### Product Details

**Formal Name:** 4-Methoxy-N-(2,4,6-trimethylphenyl)benzenesulfonamide  
**Molecular Formula:** C<sub>16</sub>H<sub>19</sub>NO<sub>3</sub>S  
**Formula Weight:** 305.40  
**CAS Number:** 349085-82-1  
**Purity:** >98%  
**Formulation:** Powder  
**Solubility:** Soluble in DMSO (up to 50 mg/ml) or in Ethanol (up to 8 mg/ml with warming).  
**Storage:** -20°C  
**Stability:** ≥ 2 years.



### Applications

GPR120 agonist

### Functions

Potent and selective agonist at free fatty acid receptor 4 (FFA4), also known as GPR120. pEC<sub>50</sub>s= 6.3, 6.2 and 6.1 for human, mouse and rat receptor respectively. Enhances glucose-stimulated insulin secretion in mouse insulinoma cells and induces intracellular calcium increase in U2OS osteosarcoma cells expressing GPR120.

### Application Procedures

First dissolved in DMSO (up to 50 mg/ml) or in Ethanol (up to 8 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

**For research use only.**