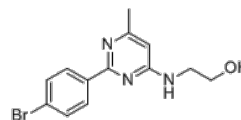


**Product Name** : AS1269574  
**Cat. No.** : PC-35026  
**CAS No.** : 330981-72-1  
**Molecular Formula** : C<sub>13</sub>H<sub>14</sub>BrN<sub>3</sub>O  
**Molecular Weight** : 308.179  
**Target** : GPR119  
**Solubility** : 10 mM in DMSO



### Biological Activity

AS1269574 is a selective, orally available **GPR119** agonist with EC<sub>50</sub> of 2.5  $\mu$ M in cell-based cAMP assays. AS1269574 displays no effect towards the other GPCRs, including the  $\beta$ -adrenergic and GLP-1 receptors. AS1269574 enhances insulin secretion in the mouse pancreatic  $\beta$ -cell line MIN-6 only under high-glucose (16.8mM) conditions. AS1269574 reduces blood glucose levels, does not affect fed and fasting plasma glucose levels in mice.

### References

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Chepurny OG, et al. *Mol Endocrinol*. 2016 Jun;30(6):614-29.  
McKillop AM, et al. *Diabetologia*. 2016 Dec;59(12):2674-2685.

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

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