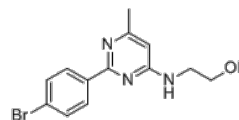


**Product Name** : AS-1269574  
**Cat. No.** : PC-35026  
**CAS No.** : 330981-72-1  
**Molecular Formula** : C<sub>13</sub>H<sub>14</sub>BrN<sub>3</sub>O  
**Molecular Weight** : 308.179  
**Target** : GPR119  
**Solubility** : 10 mM in DMSO



## Biological Activity

AS-1269574 is a selective, orally available **GPR119** agonist with EC<sub>50</sub> of 2.5 μM in cell-based cAMP assays. AS-1269574 displays no effect towards the other GPCRs, including the β-adrenergic and GLP-1 receptors. AS-1269574 enhances insulin secretion in the mouse pancreatic β-cell line MIN-6 only under high-glucose (16.8mM) conditions. AS-1269574 reduces blood glucose levels, does not affect fed and fasting plasma glucose levels in mice.

## References

Yoshida S, et al. Biochem Biophys Res Commun. 2010 Sep 24;400(3):437-41.  
Chepurny OG, et al. Mol Endocrinol. 2013 Aug;27(8):1267-82.  
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!**

E-mail: tech@probechem.com