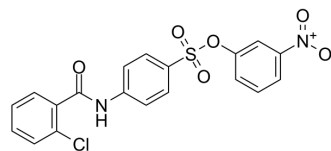


## P2Y<sub>2</sub>R/GPR17 antagonist 1

Cat. No.:	HY-146486
CAS No.:	2395016-49-4
Molecular Formula:	C <sub>19</sub> H <sub>13</sub> ClN <sub>2</sub> O <sub>6</sub> S
Molecular Weight:	432.83
Target:	P2Y Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	P2Y <sub>2</sub> R/GPR17 antagonist 1 (Compound 14m) is a dual P2Y <sub>2</sub> R and GPR17 antagonist with IC <sub>50</sub> values of 3.17 μM and 1.67 μM against P2Y <sub>2</sub> R and GPR17, respectively. P2Y <sub>2</sub> R/GPR17 antagonist 1 shows excellent metabolic stability in human liver microsomes <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 1.67 μM (GPR17), 3.17 μM (P2Y <sub>2</sub> R) <sup>[1]</sup>

### REFERENCES

[1]. Pillaiyar T, et al. Design, synthesis and biological evaluation of suramin-derived dual antagonists of the proinflammatory G protein-coupled receptors P2Y<sub>2</sub> and GPR17. *Eur J Med Chem.* 2020 Jan 15;186:111789.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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