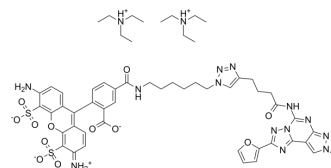


## A2A/A3 AR antagonist-1

<b>Cat. No.:</b>	HY-147541
<b>Molecular Formula:</b>	C <sub>56</sub> H <sub>71</sub> N <sub>15</sub> O <sub>12</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	1210.39
<b>Target:</b>	Adenosine Receptor
<b>Pathway:</b>	GPCR/G Protein
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	A2A/A3 AR antagonist-1 (compound 23) is a dual A <sub>2A</sub> /A <sub>3</sub> adenosine receptor (AR) fluorescent ligand, with K <sub>i</sub> s of 90 nM and 31.8 nM for hA <sub>2A</sub> AR and hA <sub>3</sub> AR, respectively <sup>[1]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	hA <sub>2A</sub> AR 90 nM (Ki)	hA <sub>3</sub> 31.8 nM (Ki)

### REFERENCES

[1]. Federico S, et, al. Conjugable A<sub>3</sub> adenosine receptor antagonists for the development of functionalized ligands and their use in fluorescent probes. Eur J Med Chem. 2020 Jan 15;186:111886.

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

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