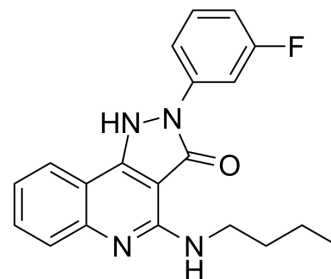


PQ-69

Cat. No.:	HY-110186
CAS No.:	910045-32-8
Molecular Formula:	C ₂₀ H ₁₉ FN ₄ O
Molecular Weight:	350.39
Target:	Adenosine Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PQ-69 is a potent and selective adenosine A1 receptor antagonist with inverse agonist activity. PQ-69 binds to hA1 receptor with a K_i value of 0.96 nM, is 217-fold more selective compared with hA2A receptors (K_i=208 nM) and >1,000-fold selectivity over hA3 receptor (K_i >100 μM). PQ-69 can be used for the research of renal dysfunction^[1].

REFERENCES

[1]. Min Lu, et al. PQ-69, a novel and selective adenosine A1 receptor antagonist with inverse agonist activity. *Purinergic Signal*. 2014 Dec;10(4):619-29.

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

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