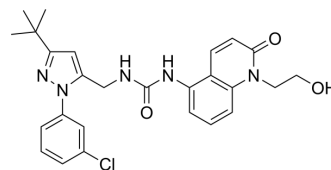


TRPV1 antagonist 6

| | |
|--------------------|---|
| Cat. No.: | HY-161273 |
| Molecular Formula: | C ₂₆ H ₂₈ ClN ₅ O ₃ |
| Molecular Weight: | 494 |
| Target: | TRP Channel |
| Pathway: | Membrane Transporter/Ion Channel; Neuronal Signaling |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

TRPV1 antagonist 6 (compound 51) is a mode-selective antagonist for transient receptor potential vanilloid member 1 (TRPV1), which shows antagonism with IC₅₀ of 2.85 nM to capsaicin activation and 28.48 % inhibition against proton activation at a 3 μM concentration^[1].

REFERENCES

[1]. Zuo D, et al., Discovery of N-(1-(2-hydroxyethyl)quinolin-2-one)-N'-(1-phenyl-1H-pyrazol-5-yl)methyl urea as Mode-Selective TRPV1 antagonist. *Bioorg Med Chem Lett.* 2024 Feb 13;101:129656

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

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