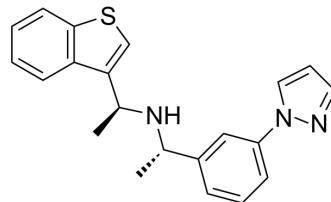


## Z8554052021

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-161113   |
| Molecular Formula: | C <sub>21</sub> H <sub>21</sub> N <sub>3</sub> S  |
| Molecular Weight:  | 347.48  |
| Target:            | CaSR  |
| Pathway:           | GPCR/G Protein  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Z8554052021 (compound 2021) is a potent CaSR and indeed GPCR positive allosteric modulator (PAM) with an EC<sub>50</sub> of 3.3 nM. Z8554052021 has the potential for hyperparathyroidism research<sup>[1]</sup>.

### REFERENCES

[1]. Fangyu Liu, et al. Structure-based discovery of positive allosteric modulators for the calcium sensing receptor. bioRxiv, December 27, 2023.

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

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