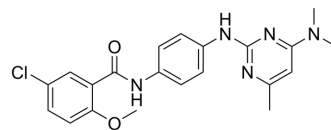


TG53

| | |
|--------------------|---|
| Cat. No.: | HY-102073 |
| CAS No.: | 946369-04-6 |
| Molecular Formula: | C ₂₁ H ₂₂ ClN ₅ O ₂ |
| Molecular Weight: | 411.88 |
| Target: | Glutaminase; Integrin; FAK; Src |
| Pathway: | Metabolic Enzyme/Protease; Cytoskeleton; Protein Tyrosine Kinase/RTK |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

TG53 is a potent inhibitor of tissue transglutaminase (TG2) and fibronectin (FN) protein-protein interaction. TG53 inhibits formation of a complex with integrin β 1 and activation of FAK and c-Src during SKOV3 cell attachment onto FN. TG53 can be used for ovarian cancer research^[1].

REFERENCES

[1]. Gary E. Schiltz, et al. Inhibitors of tissue transglutaminase 2 (tg2) and uses thereof. Patent, US20210276960A1. 09/09/2021.

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

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