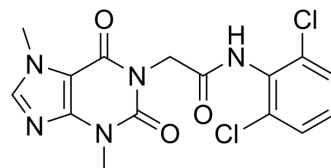


## T-1-DOCA

Cat. No.:	HY-161045
Molecular Formula:	C <sub>15</sub> H <sub>13</sub> Cl <sub>2</sub> N <sub>5</sub> O <sub>3</sub>
Molecular Weight:	382.2
Target:	EGFR; Apoptosis
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

T-1-DOCA is a EGFR inhibitor, with the IC<sub>50</sub> of 56.94 and 269.01 nM for EGFR<sup>WT</sup> and EGFR<sup>T790M</sup>, respectively. T-1-DOCA can induce cell apoptosis of HCT-116 cells<sup>[1]</sup>.

## REFERENCES

[1]. Eissa IH, et al. Computer-Assisted Drug Discovery of a Novel Theobromine Derivative as an EGFR Protein-Targeted Apoptosis Inducer. *Evol Bioinform Online*. 2023;19:11769343231217916. Published 2023 Dec 1.

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

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