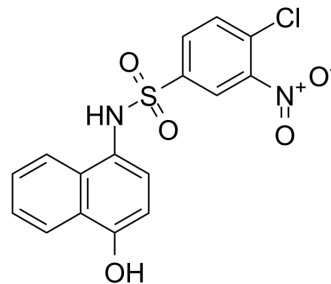


## SW155246

Cat. No.:	HY-123346
CAS No.:	420092-79-1
Molecular Formula:	C <sub>16</sub> H <sub>11</sub> ClN <sub>2</sub> O <sub>5</sub> S
Molecular Weight:	378.79
Target:	DNA Methyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

SW155246 is a DNA methyltransferase (DNMT1) selective inhibitor with IC<sub>50</sub>s of 1.2 and 38 μM for hDNMT1 and mDNMT3A, respectively. SW155246 can be used for the research of cancer and other diseases<sup>[1]</sup>.

### REFERENCES

- [1]. Jessica A Kilgore, et al. Identification of DNMT1 selective antagonists using a novel scintillation proximity assay. *J Biol Chem*. 2013 Jul 5;288(27):19673-84.
- [2]. José L Medina-Franco, et al. Rationalization of activity cliffs of a sulfonamide inhibitor of DNA methyltransferases with induced-fit docking. *Int J Mol Sci*. 2014 Feb 21;15(2):3253-61.

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

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