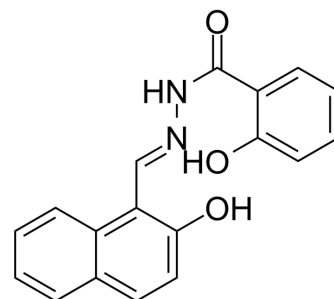


## (E/Z)-NSAH

Cat. No.:	HY-114503A
CAS No.:	54009-54-0
Molecular Formula:	C <sub>18</sub> H <sub>14</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	306.32
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

(E/Z)-NSAH is an isoform of NSAH (HY-114503), which is reversible and competitive nonnucleoside ribonucleotide reductase (RR) inhibitor, with cell-free IC<sub>50</sub> of 32 μM and cell-based IC<sub>50</sub> of ~250 nM, respectively<sup>[1]</sup>.

## REFERENCES

[1]. Md Faiz Ahmad, et al. Potent competitive inhibition of human ribonucleotide reductase by a nonnucleoside small molecule. Proc Natl Acad Sci U S A. 2017 Aug 1;114(31):8241-8246.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA