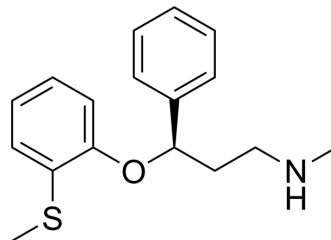


## (R)-Thionisoxetine

Cat. No.:	HY-118064
CAS No.:	163059-33-4
Molecular Formula:	C <sub>17</sub> H <sub>21</sub> NOS
Molecular Weight:	287.42
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	(R)-Thionisoxetine is a potent and selective inhibitor of central and peripheral norepinephrine (NE) uptake. (R)-thionisoxetine prevented hypothalamic NE depletion by 6-hydroxydopamine with an ED <sub>50</sub> of 0.21 mg/kg. (R)-Thionisoxetine can be used for the research of a variety of diseases including depression and urinary incontinence <sup>[1]</sup> .
IC <sub>50</sub> & Target	ED50: 0.21 mg/kg (prevented hypothalamic NE depletion) <sup>[1]</sup>

### REFERENCES

[1]. Gehlert DR, et al. (R)-thionisoxetine, a potent and selective inhibitor of central and peripheral norepinephrine uptake. Life Sci. 1995;56(22):1915-20.

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

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