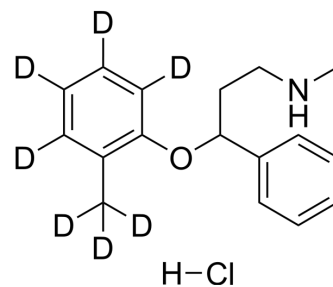


(Rac)-Atomoxetine-d7 hydrochloride

Cat. No.:	HY-107370AS
Molecular Formula:	C ₁₇ H ₁₅ D ₇ ClNO
Molecular Weight:	298.86
Target:	Serotonin Transporter; Sodium Channel; Isotope-Labeled Compounds
Pathway:	Neuronal Signaling; Membrane Transporter/Ion Channel; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(Rac)-Atomoxetine D7 hydrochloride ((Rac)-Tomoxetine D7 hydrochloride) is a deuterium labeled (Rac)-Atomoxetine hydrochloride. (Rac)-Atomoxetine hydrochloride is a racemic form of Atomoxetine hydrochloride. Atomoxetine hydrochloride is a potent and selective noradrenalin re-uptake inhibitor (K_i values are 5 nM, 77 nM and 1451 nM for inhibition of radioligand binding to human NET, SERT and DAT respectively)^[1].

REFERENCES

[1]. Bymaster FP, Katner JS, Nelson DL et al. Atomoxetine increases extracellular levels of norepinephrine and dopamine in prefrontal cortex of rat: a potential mechanism for efficacy in attention deficit/hyperactivity disorder. *Neuropsychopharmacology*. 2002 Nov;27(5):699-711.

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

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