



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

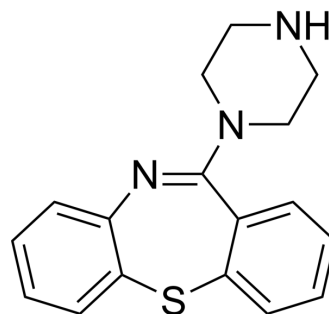
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Norquetiapine

Cat. No.:	HY-W052508
CAS No.:	5747-48-8
Molecular Formula:	C <sub>17</sub> H <sub>17</sub> N <sub>3</sub> S
Molecular Weight:	295.4
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

Norquetiapine is an antidepressant and neuroprotective agent and is the active metabolic component of Quetiapine (HY-14544). Norquetiapine is also a partial 5-HT<sub>1A</sub> receptor agonist, and a presynaptic  $\alpha_2$ , 5-HT<sub>2C</sub> and 5-HT<sub>7</sub> b> Receptor antagonist. Norquetiapine can also selectively inhibit norepinephrine transporter (NET), inhibit norepinephrine reuptake, and has potential inhibitory effects on bipolar depression, major depressive disorder, and generalized anxiety disorder. Norquetiapine demonstrated in vivo activity in forced swimming in mice and learned helplessness tests in rats<sup>[1][2]</sup>.

### REFERENCES

- [1]. López-Muñoz F, et al. Active metabolites as antidepressant drugs: the role of norquetiapine in the mechanism of action of quetiapine in the treatment of mood disorders. *Front Psychiatry*. 2013 Sep 12;4:102.
- [2]. Cross AJ, et al. Quetiapine and its metabolite norquetiapine: translation from in vitro pharmacology to in vivo efficacy in rodent models. *Br J Pharmacol*. 2016 Jan;173(1):155-66.

**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