

Product Name : AZD 3043

Synonyms : THRX-918661

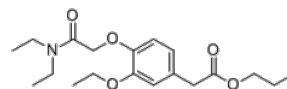
Cat No. : M15126

CAS Number : 579494-66-9

Molecular Formula : C₁₉H₂₉NO₅

Formula Weight : 351.44

Chemical Name : [4-[(N,N-Diethylcarbamoyl)methoxy]-3-ethoxyphenyl]acetic acid propyl ester



Description : AZD 3043 (THRX-918661) is a positive allosteric modulator of the GABAA receptor in vitro and a sedative/hypnotic agent in vivo, potentiates GABAA receptor-mediated chloride currents with EC₅₀ of 36 uM; potentiates and directly activates the α1β2γ2, α2β2γ2 and α2β3γ2 GABA(A) receptor subtypes, produces hypnosis and electroencephalograph depression in rats.

Pathway : Membrane Transporter/Ion Channel

Target : GAT

Receptor : GAT

Solubility : —

SMILES : CCCOC(=O)Cc1ccc(c(c1)OCC)OCC(=O)N(CC)CC

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Egan TD, et al. Anesthesiology. 2012 Jun;116(6):1267-77.| 2. Jonsson Fagerlund M, et al. Eur J Pharmacol. 2012 Nov 5;694(1-3):13-9.| 3. Björnsson MA, et al. Anesth Analg. 2015 Oct;121(4):904-13.