

Product Data Sheet

Product Name: bPiDI
Cat. No.: GC73391

Chemical Properties

Cas. No. 525596-64-9

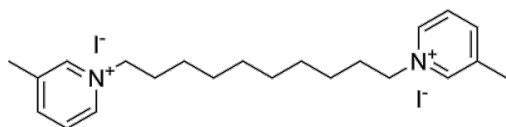
Formula $C_{22}H_{34}I_2N_2$ M.Wt 580.33

Solubility DMSO : 100 mg/mL (172.32 mM; Need ultrasonic) Storage 4°C, sealed storage, away from moisture

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

bPiDI is a novel selective $\alpha 6\beta 2$ nicotinic receptor antagonist. bPiDI inhibits nicotine-evoked striatal

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

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dopamine (DA) release through an interaction with $\alpha 6\beta 2$ -containing nAChRs.

References:

[1]. Thomas E Wooters, et al. bPiDI: a novel selective $\alpha 6\beta 2^*$ nicotinic receptor antagonist and preclinical candidate treatment for nicotine abuse. Br J Pharmacol. 2011, 163,2.

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