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## GBR-12935 HCl

产品编号: D51676

CAS: 67469-81-2

分子式: C<sub>28</sub>H<sub>36</sub>Cl<sub>2</sub>N<sub>2</sub>O

纯度: ≥98%

InChi: InChi=1S/C<sub>28</sub>H<sub>34</sub>N<sub>2</sub>O.2ClH/c1-4-11-25(12-5-1)13-10-18-29-19-21-30(22-20-29)23-24-31-28(26-14-6-2-7-15-26)27-16-8-3-9-17-27;;/h1-9,11-12,14-17,28H,10,13,18-24H<sub>2</sub>;2\*1H

InChi Key: NQWRSILGEXNJIT-UHFFFAOYSA-N

Smiles: Cl.Cl.C(CCN1CCN(CCOC(C2C=CC=CC=2)C2C=CC=CC=2)CC1)C1C=CC=CC=1

外观: 固体粉末

作用通路: Dopamine Transporter

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: GBR-12935 is a piperazine derivative which is a potent and selective dopamine reuptake inhibitor. It was originally developed in its 3H radiolabelled form for the purpose of mapping the distribution of dopaminergic neurons in the brain by selective labelling of dopamine transporter proteins. This has led to potential clinical uses in the diagnosis of Parkinson's disease, although selective radioligands such as loflupane (123I) are now available for this application. GBR-12935 is now widely used in animal research into Parkinson's disease and the dopamine pathways in the brain.