

# Imipramine hydrochloride, Tricyclic antidepressant ab141046

**2 References**   **画像数 1**

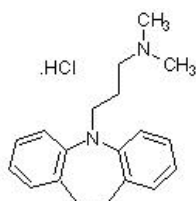
### 製品の概要

製品名	Imipramine hydrochloride, Tricyclic antidepressant
製品の詳細	Tricyclic antidepressant
生理活性の詳細	Tricyclic antidepressant with various pharmacological activities. Inhibits reuptake inhibitors ( $K_i$ values are 19, 98 and $>1000$ nM for SERT, NET and DAT, respectively). Muscarinic receptor inhibitor ( $IC_{50} = 0.13$ $\mu$ M for $M_2$ ). Serotonin receptor inhibitor ( $K_i$ values are 94 and 160 nM for 5-HT <sub>2A</sub> and 5-HT <sub>2C</sub> , respectively). Crosses the blood-brain barrier.

精製度 > 98%

CAS 番号 113-52-0

構造式



### 製品の特性

体系名	10,11-Dihydro- <i>N,N</i> -dimethyl-5 <i>H</i> -dibenz[ <i>b,f</i> ]azepine-5-propanamine hydrochloride
分子量	316.87
分子式	C <sub>19</sub> H <sub>24</sub> N <sub>2</sub> .HCl
PubChem 登録番号	8228
保存方法	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in water to 100 mM
使用に関する注意	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

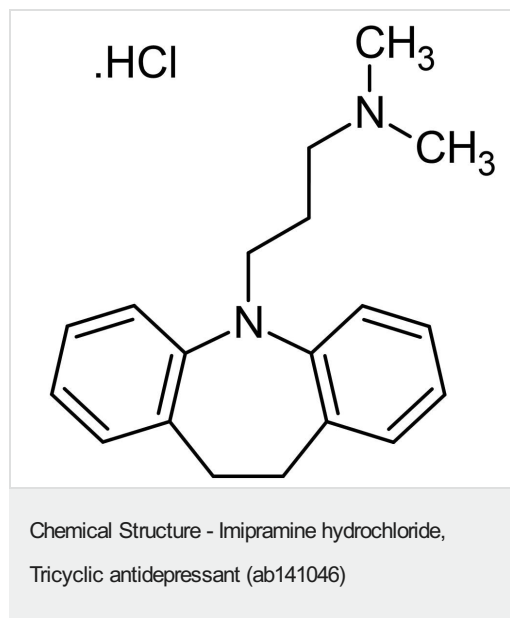
#### SMILES 線形表記

Cl.CN(C)CCCN2c3ccccc3CCc1ccccc12

#### 由来

Synthetic

#### 画像



2D chemical structure image of ab141046, Imipramine hydrochloride, Tricyclic antidepressant

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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