

Product datasheet

Teijin compound 1 hydrochloride ab120823

Overview

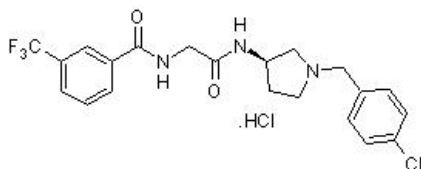
Product name	Teijin compound 1 hydrochloride
Description	Potent, selective CCR2 antagonist
Biological description	Potent, selective CCR2 antagonist ($K_i = 180 \text{ nM}$). Inhibits cell chemotaxis induced by MCP-1 ($EC_{50} = 24 \text{ nM}$).
Purity	> 99%

Properties

Chemical name *N*-[2-[[[(3*R*)-1-[(4-Chlorophenyl)methyl]-3-pyrrolidinyl]amino]-2-oxoethyl]-3-(trifluoromethyl)benzamide hydrochloride

Molecular weight 476.32

Chemical structure



Molecular formula $C_{21}H_{21}ClF_3N_3O_2 \cdot HCl$

CAS Number 1313730-14-1

Storage instructions Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.

Solubility overview Soluble in water to 10 mM and in DMSO to 100 mM

Handling 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.

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

SMILES Cl.Fc1c(F)c(F)c(C(=O)NCC(=O)N[C@@H]3CCN(Cc2ccc(Cl)cc2)C3

Source Synthetic

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