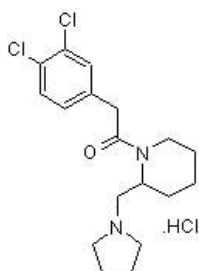


Product datasheet

BRL 52537 hydrochloride, kappa-opioid agonist
ab120669

Overview

Product name	BRL 52537 hydrochloride, kappa-opioid agonist
Description	Highly selective, potent κ-opioid agonist
Biological description	Highly selective and potent κ-opioid agonist ($K_i = 0.24$ nM). 25 times more potent than morphine. Neuroprotective effects seen <i>in vivo</i> .
Purity	> 99%
CAS Number	112282-24-3
Chemical structure	



Properties

Chemical name	2-(3,4-Dichlorophenyl)-1-[2-(1-pyrrolidinylmethyl)-1-piperidinyl]ethanone hydrochloride
Molecular weight	391.77
Molecular formula	$C_{18}H_{24}Cl_2N_2O.HCl$
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 5 mM and in DMSO to 25 mM (with warming)
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
Source	Synthetic

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

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