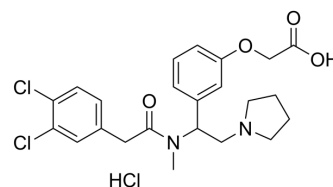


## ICI-204448

Cat. No.:	HY-101231
CAS No.:	121264-04-8
Molecular Formula:	C <sub>23</sub> H <sub>27</sub> Cl <sub>3</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	501.83
Target:	Opioid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (249.09 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.9927 mL	9.9635 mL	19.9271 mL	
5 mM	0.3985 mL	1.9927 mL	3.9854 mL	
10 mM	0.1993 mL	0.9964 mL	1.9927 mL	

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

ICI-204448 is a  $\kappa$ -opioid agonist with limited access to the CNS, ICI-204448 can displace the binding of the kappa-opioid ligand 3H-bremazocine from guinea pig cerebellum membranes<sup>[1]</sup>.

### REFERENCES

[1]. J S Shaw, et, al. ICI 204448: a kappa-opioid agonist with limited access to the CNS. Br J Pharmacol. 1989, 96, 4.

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

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