



Tramadol [HRP] (DAG1321)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Tramadol, HRP conjugate
Antigen Description	Tramadol is a narcotic analgesic used for severe pain. It may be habituating. It is indicated in the treatment of moderate to severe pain. Consider for those prone to constipation or respiratory depression. Tramadol is used to treat postoperative, dental, cancer, and acute musculoskeletal pain and as an adjuvant to NSAID therapy in patients with osteoarthritis.
Species	N/A
Conjugate	HRP
Format	Concentrate
Size	0.5 ml
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Tramadol hydrochloride is a centrally-acting synthetic analgesic used to treat moderate to moderately-severe pain. The drug has a wide range of applications, including treatment of rheumatoid arthritis, restless legs syndrome and fibromyalgia. Tramadol is a very weak μ -opioid receptor agonist, induces serotonin release, and inhibits the reuptake of norepinephrine. Tramadol is converted to O-desmethyltramadol, a significantly more potent μ -opioid agonist. The opioid agonistic effect of tramadol and its major metabolite(s) is almost exclusively mediated by such μ -opioid receptors. This further distinguishes tramadol from opioids in general (including morphine), which do not possess tramadol's degree of receptor subtype selectivity and which are much stronger opiate-receptor agonists.
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Keywords

Tramadol hydrochloride
