

## Product Datasheet

### Nalfurafine (orb1089414)

<b>Catalog Number</b>	orb1089414
<b>Category</b>	Small Molecules
<b>Description</b>	Nalfurafine (TRK-820, TRK820) is potent, selective agonist of kappa-opioid receptor with $K_i$ of 3.5 nM, 15-fold less potent for $\mu$ OR and little affinity for $\delta$ OR ( $K_i=53$ and 1,200 nM, respectively).
<b>Purity</b>	>98%
<b>MW</b>	476.5641
<b>CAS Number</b>	152657-84-6
<b>Formula</b>	$C_{28}H_{32}N_2O_5$
<b>SMILES</b>	<chem>O=C(N(C1CCC2(C3N(CCC42C2=C(OC14)C(=CC=C2C3)O)CC1CC1)O)C)/C=C/C1C=COC=1</chem>
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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