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## DATASHEET

### Compound 112254 hydrochloride

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### Product overview

<b>Name</b>	Compound 112254 hydrochloride
<b>Cat No</b>	HB3847
<b>Purity</b>	>98%
<b>Description</b>	Adiponectin receptor (AdipoR) agonist

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### Biological Data

<b>Biological description</b>	Adiponectin receptor (AdipoR) agonist. Binds to AdipoR1 and AdipoR2 less potent than AdipoRon. Activates 5'-adenosine monophosphate-activated protein kinase (AMPK) in cultured mammalian cells. Improves diabetes, glucose and lipid metabolism and insulin sensitivity in cultured cells and in mice by AdipoR-dependent mechanisms.
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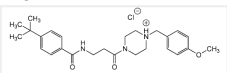
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### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

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### Chemical Data

<b>Molecular Weight</b>	492.1
<b>Chemical structure</b>	
<b>CAS Number</b>	949745-75-9 (free base)
<b>InChiKey</b>	VLVXNJKVPFIWMW-UHFFFAOYSA-N
<b>Appearance</b>	White crystalline solid

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