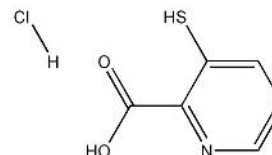


Technical Data Sheet

3-Mercaptopicolinic Acid, Hydrochloride

Compound Information

Product Name:	3-Mercaptopicolinic Acid, Hydrochloride
CAS No.:	320386-54-7
Molecular Formula:	C ₆ H ₆ ClNO ₂ S
Molecular Weight:	191.63534
Storage:	-20°C, dry, sealed
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	SKF-34288 (3-Mercaptopicolinic acid) hydrochloride is an orally active phosphoenolpyruvate carboxykinase (PEPCK) inhibitor ($K_i = 2-9 \mu\text{M}$). SKF-34288 hydrochloride is a potent hypoglycemic agent by inhibiting glucose synthesis.
Form	A crystalline solid
Color	Light yellow to yellow
Solubility	PBS (pH 7.2): 0.2 mg/ml
Purity	>95.0%

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.