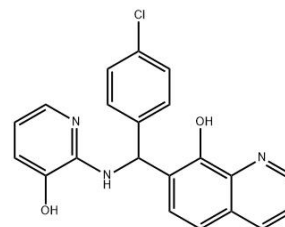


Technical Data Sheet

Adaptaquin

Compound Information

Product Name:	Adaptaquin
CAS No.:	385786-48-1
Molecular Formula:	C ₂₁ H ₁₆ ClN ₃ O ₂
Molecular Weight:	377.82
Storage:	Store at -20°C
Revision Date:	2026-04-27



Analytical Information

Tests	Specifications
Description	Adaptaquin is a hIF-prolyl hydroxylase-2 (PHD2) inhibitor. Adaptaquin blocks glutamate induced ROS production in HT-22 cells, independent of MnSOD. Adaptaquin exhibits neuroprotective effects and enhances functional recovery in rodent intracerebral hemorrhage.
IUPAC Name	7-[(4-chlorophenyl)[(3-hydroxy-2-pyridinyl)amino]methyl]-8-quinolinol
Form	Tan solid
Color	White to yellow
Solubility	≤30mg/ml in DMSO; 30mg/ml in dimethyl formamide
HPLC	Shows 97% purity
1H NMR	Pass test

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.