

Product Name	: Sapropterin Hydrochloride
Synonyms	: 6R-BH4 dihydrochloride 6R-Tetrahydro-L-biopterin dihydrochloride
Cat No.	: M20694
CAS Number	: 69056-38-8
Molecular Formula	: C ₉ H ₁₇ Cl ₂ N ₅ O ₃
Formula Weight	: 314.17
Chemical Name	: —
Description	: Sapropterin dihydrochloride is phenylalanine hydroxylase agonist that is approved for the treatment of BH4 responsive PKU.
Pathway	: Immunology/Inflammation
Target	: Hydroxylase
Receptor	: phenylalanine hydroxylase
Solubility	: H ₂ O:260 mg/mL (827.58 mM; Need ultrasonic)
SMILES	: Cl.Cl.[H][C@@]1(CNc2nc(N)[nH]c(=O)c2N1)[C@@H](O)[C@H](C)O
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Vanoxerine a New Drug for Terminating Atrial Fibrillation and Flutter[J]. J Cardiovasc Electrophysiol 2010 21(3):311-319.