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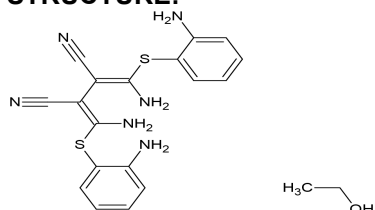
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U0126-EtOH

ALTERNATE NAME: (2Z,3Z)-2,3-bis[amino-(2-aminophenyl)sulfanylmethylidene]butanedinitrile;ethanol

CATALOG #: AUR11170

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₁₆N₆S₂.C₂H₆O

MOLECULAR WEIGHT: 426.56

CAS#: 1173097-76-1

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>50 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: U0126-EtOH is a highly selective inhibitor of MEK1/2 with IC₅₀ of 0.07 μM/0.06 μM in cell-free assays. It displays 100-fold higher affinity for ΔN3-S218E/S222D MEK than PD98059. U0126 inhibits autophagy and mitophagy with antiviral activity.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure