

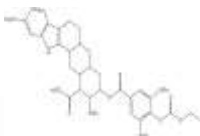
PRODUCT: Syrosingopine

ALTERNATE NAME: Methyl (1R,15S,17R,18R,19S,20S)-17-(4-ethoxycarbonyloxy-3,5-dimethoxybenzoyloxy)-6,18-dimethoxy-1,3,11,12,14,15,16,17,18,19,20,21-dodecahydroyohimban-19-carboxylate; Syringopine; Syrosingopin; Singoserp; Ipores

CATALOG #: B1323-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₅H₄₂N₂O₁₁

MOLECULAR WEIGHT: 666.72

CAS NUMBER: 84-36-6

APPEARANCE: Off-white to pale brown solid

SOLUBILITY: DMSO

PURITY: ≥90% by HPLC

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

DESCRIPTION: Syrosingopine is an inhibitor of the vesicular monoamine transporters. Recently, it has been shown that the anticancer activity of the widely used diabetic drug metformin is strongly potentiated by syrosingopine. Syrosingopine sensitizes cancer cells to metformin and its more potent derivative phenformin far below the individual toxic threshold of each compound.

REFERENCES: Benjamin, D., *et al.* (2016). *Sci. Adv. Dec* 23;2(12):e1601756. doi: 10.1126/sciadv.1601756. eCollection

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

RELATED PRODUCTS:

A-769662 (**Cat. No. 1719-5**)

AICAR (**Cat. No. 1687-50**)

Ciglitazone (**Cat. No. 1695-5**)

Dorsomorphin (**Cat. No. 1686-5**)

Glibenclamide (**Cat. No. 1878-100, 1000**)

Metformin, Hydrochloride (**Cat. No. 1691-5G**)

Phenformin Hydrochloride (**Cat. No. 1889-100, 1000**)

Pioglitazone Hydrochloride (**Cat. No. 1877-5, 25**)

Rosiglitazone (**Cat. No. 1559-5, 50, 100**)

Troglitazone (**Cat. No. 1696-5**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**