Quinolactacin A1

Synonyms:

Specifications:
- CAS #: 815576-68-2
- Molecular Formula: C₁₆H₁₈N₂O₂
- Molecular Weight: 270.3
- Source: Penicillium citrinum
- Appearance: White Powder
- Purity: >95% by HPLC
- Long Term Storage: -20°C
- Solubility: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes:
Quinolactacin A1 is the dominant analogue of a family of quinolone metabolites produced by Penicillium citrinum. Quinolactacin A1 rapidly epimerises to equilibrate with its diastereomer quinolactacin A2 in protic solvents. The mixture has been shown to inhibit acetylcholinesterase and TNF production.

References: