

Product Data Sheet

Product Name: Valbenazine

Cat. No.: GC19370

Chemical Properties

Cas. No. 1025504-45-3

SMILES O=C([C@@H](N)C(C)C)O[C@@H]1C[C@]2([H])C3=CC(OC)=C(OC)C=C3CCN2C[C@H]1CC(C)C

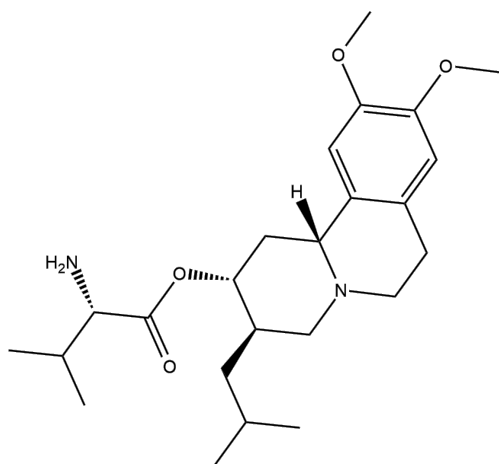
Formula $C_{24}H_{38}N_2O_4$ M.Wt 418.57

Solubility DMSO : 50 mg/mL (119.45 mM); Water : < 0.1 mg/mL (insoluble) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Valbenazine is a prodrug of the (+)- α isomer of tetrabenazine for tardive syndrome therapy, and inhibits VMAT2 function.

Valbenazine shows a distinctive improvement in tardive dyskinesia symptoms during the successful Phase II trial[1].

Caution: Product has not been fully validated for medical applications. For research use only.

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References:

[1]. Müller T, et al. Valbenazine granted breakthrough drug status for treating tardive dyskinesia. Expert Opin Investig Drugs. 2015 Jun;24(6):737-42.

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