Product Name: para-amino-Blebbistatin

Item No.: MED24369

Purity Specification: ≥95%
Molecular Formula :C18H17N3O2
UV/Vis.: λmax: 245, 299, 429 nm
CAS Number: 2097734-03-5 Formula Weight : 307.35 Storage:-20°C

DESCRIPTION

para-amino-Blebbistatin is supplied as a crystalline solid. A stock solution may be made by dissolving the para-amino-blebbistatin in the solvent of choice, which should be purged with an inert gas. para-amino-Blebbistatin is soluble in organic solvents such as DMSO and dimethyl formamide (DMF). The solubility of para-amino-blebbistatin in these solvents is approximately 12.5 and 20 mg/ml, respectively. para-amino-Blebbistatin is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, para-amino-blebbistatin should first be dissolved in DMF and then diluted with the aqueous buffer of choice. para-amino-Blebbistatin has a solubility of approximately 0.5 mg/ml in a 1:1 solution of DMF:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

REFERENCES

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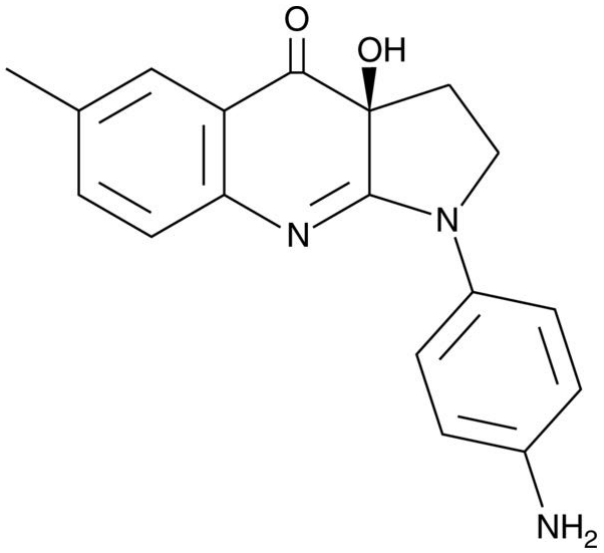
Structure :



Conclusion: This batch of products conform the quality inspection standard of the manufacturer