

Product Data Sheet

Product Name: E-982
Cat. No.: GC30470

Chemical Properties

Cas. No. 858102-78-0

SMILES OC(C=C1)=CC2=C1[C@@]3([H])CC[C@]4(C)[C@@H](O)CC[C@@]4([H])[C@]3([H])C(SCCC(ON5C(CCC5=O)=O)=O)=O)C2

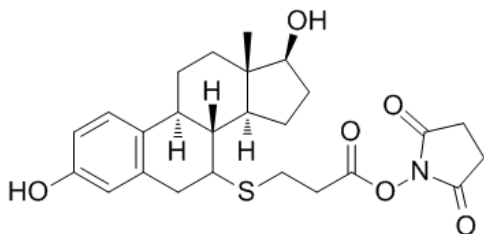
Formula $C_{25}H_{31}NO_6S$ M.Wt 473.58

Solubility DMSO : 100 mg/mL (211.16 mM; Need ultrasonic) Storage Store at -20°C, protect from light

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

E-982 is a steroid compound. E-982 can be used for the screening of DNA Unwinding Element Binding Protein (DUE-B) immobilized protein columns. E-982 is also commonly used in research related to chromatography separation techniques^[1].

References:

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

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[1] Moaddel R, Price GB, Juteau JM, et al. The synthesis and initial characterization of an immobilized DNA unwinding element binding (DUE-B) protein chromatographic stationary phase. J Chromatogr B Analyt Technol Biomed Life Sci. 2005 Jun 25;820(2):197-203.

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