

Product Data Sheet

Product Name: Fallypride precursor

Cat. No.: GC73801

Chemical Properties

Cas. No. 166173-74-6

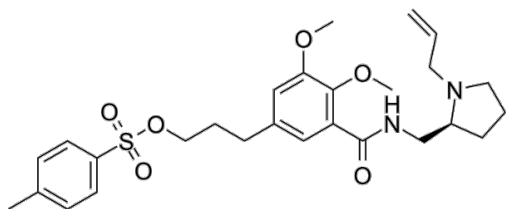
Formula $C_{27}H_{36}N_2O_6S$ M.Wt 516.65

Solubility DMSO : 200 mg/mL (387.11 mM; Storage 4°C, protect from light
Need ultrasonic)

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

Fallypride precursor (Compound 15) can be used for synthesis of Fallypride . Fallypride is an

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

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antagonist of the dopamine D2/D3 receptor. Fallypride can be used as a positron emission tomograph (PET) radiotracer when labeled with ^{18}F .

References:

[1]. Mukherjee J, et al., Fluorinated benzamide neuroleptics--III. Development of (S)-N-[(1-allyl-2-pyrrolidinyl)methyl]-5-(3-[^{18}F]fluoropropyl)-2, 3-dimethoxybenzamide as an improved dopamine D-2 receptor tracer. Nucl Med Biol. 1995 Apr;22(3):283-96.

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