

Product Data Sheet

Product Name: PD 118057

Cat. No.: GC10182

Chemical Properties

Cas. No. 313674-97-4

Chemical Name 2-((4-(3,4-dichlorophenethyl)phenyl)amino)benzoic acid

SMILES ClC1=CC(CCC(C=C2)=CC=C2NC3=CC=CC=C3C(O)=O)=CC=C1Cl

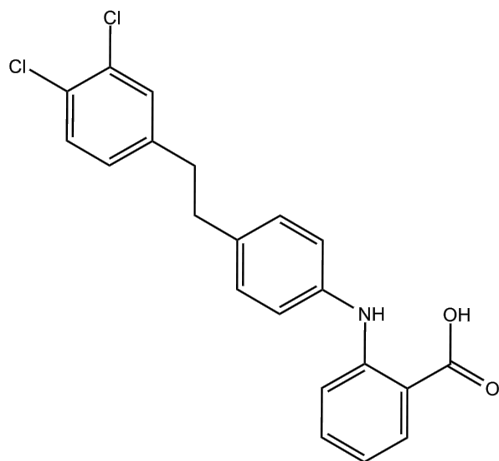
Formula $C_{21}H_{17}Cl_2NO_2$ M.Wt 386.27

Solubility <38.63mg/ml in DMSO; <7.73mg/ml in ethanol 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

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

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PD-118057 is a human ether-a-go-go-related gene (hERG) channel activator that does not cause hERG blockade[1].

References:

[1]. Mao H, et al. Pharmacologic Approach to Defective Protein Trafficking in the E637K-hERG Mutant with PD-118057 and Thapsigargin. PLoS One. 2013 Jun 19;8(6):e65481.

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