

BAK2-66

## Chemical Properties

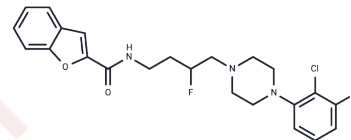
CAS No. : 1301178-83-5

Formula: C<sub>23</sub>H<sub>24</sub>Cl<sub>2</sub>FN<sub>3</sub>O<sub>2</sub>

Molecular Weight: 464.36

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	BAK2-66 is a selective antagonist of the dopamine D3 receptor.
Targets(IC50)	Others,Dopamine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1535 mL	10.7675 mL	21.535 mL
5 mM	0.4307 mL	2.1535 mL	4.307 mL
10 mM	0.2154 mL	1.0768 mL	2.1535 mL
50 mM	0.0431 mL	0.2154 mL	0.4307 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Kumar V, Banala AK, Garcia EG, Cao J, Keck TM, Bonifazi A, Deschamps JR, Newman AH. Chiral Resolution and Serendipitous Fluorination Reaction for the Selective Dopamine D3 Receptor Antagonist BAK2-66. ACS Med Chem Lett. 2014 Mar 24;5(6):647-51. doi: 10.1021/ml500006v. eCollection 2014 Jun 12. PubMed PMID: 24944737; PubMed Central PMCID: PMC4060923.

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