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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Ibutilide Fumarate (In House Standard)**

### Identification:

Chemical Name: N-[4-[4-(Ethylheptylamino)-1-hydroxybutyl]phenyl]-, (±)-, (E)-2-butenedioate (2:1) (salt); (as per EP)

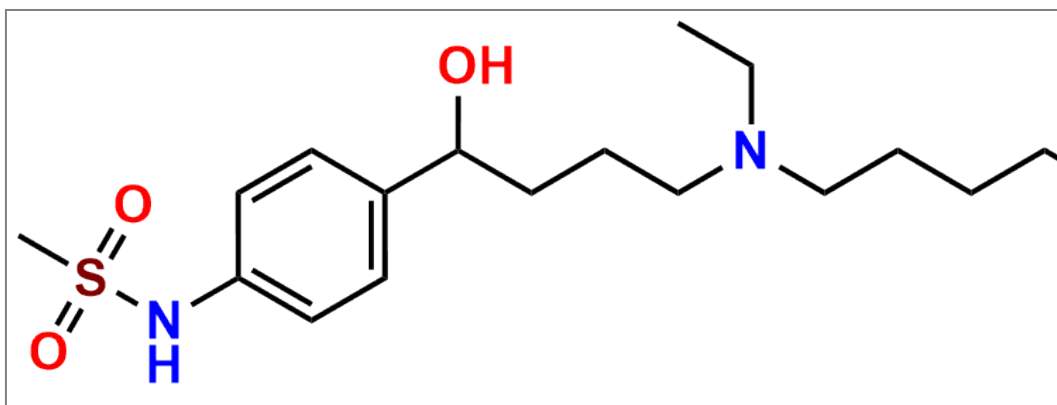
Synonyms : Synonym:  
Methanesulfonamide

CAS Number : 122647-32-9

CAT Number : CP-149003

Molecular Formula : C<sub>20</sub>H<sub>36</sub>N<sub>2</sub>O<sub>3</sub>S : C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>

Molecular Weight : 384.58 : 116.07



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.