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Zuschläge

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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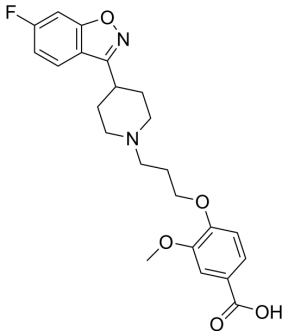
Iloperidone carboxylic acid



Cat. No.:	HY-W741575
CAS No.:	475110-48-6
Molecular Formula:	$C_{23}H_{25}FN_2O_5$
Molecular Weight:	428.45
Target:	5-HT Receptor; Adrenergic Receptor; Dopamine Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Iloperidone carboxylic acid (P95-12113) is the metabolite of Iloperidone (HY-17410). Iloperidone carboxylic acid exhibits good affinity for 5-HT2A receptor with pK_i of 8.15, and moderate affinity for adrenergic receptor α1/α2B/α2C[1].			
IC_{50} & Target	Human 5-HT_{2A} Receptor 8.15 (pKi)	rat α1-adrenergic receptor 7.67 (pKi)	human α2C-adrenoceptor 7.32 (pKi)	human α2B-adrenoceptor 7.08 (pKi)
	human α2A-adrenoceptor 6.42 (pKi)	Rat D_3 Receptor 6.11 (pKi)	Human D_1 Receptor 5.94 (pKi)	Human 5-HT_6 Receptor 5.59 (pKi)

REFERENCES

[1]. Subramanian N, et al., Receptor profile of P88-8991 and P95-12113, metabolites of the novel antipsychotic iloperidone. Prog Neuropsychopharmacol Biol Psychiatry. 2002 Apr;26(3):553-60.

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