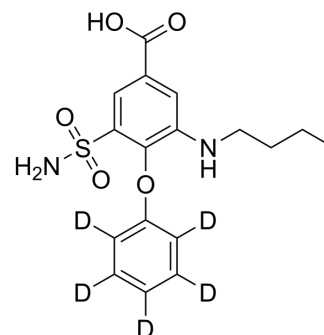


Bumetanide-d₅

Cat. No.:	HY-17468S		
CAS No.:	1216739-35-3		
Molecular Formula:	C ₁₇ H ₁₅ D ₅ N ₂ O ₅ S		
Molecular Weight:	369.45		
Target:	NKCC		
Pathway:	Membrane Transporter/Ion Channel		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Bumetanide-d₅ is a deuterium labeled Bumetanide. Bumetanide is a selective Na⁺-K⁺-Cl⁻ (NKCC1) inhibitor, weakly inhibits NKCC2, with IC₅₀s of 0.68 and 4.0 μM for hNKCC1A and hNKCC2A, respectively[1].

REFERENCES

[1]. Sandström PE1, et al. Evidence for diabetogenic action of bumetanide in mice. *Eur J Pharmacol.* 1988 May 20;150(1-2):35-41.

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

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