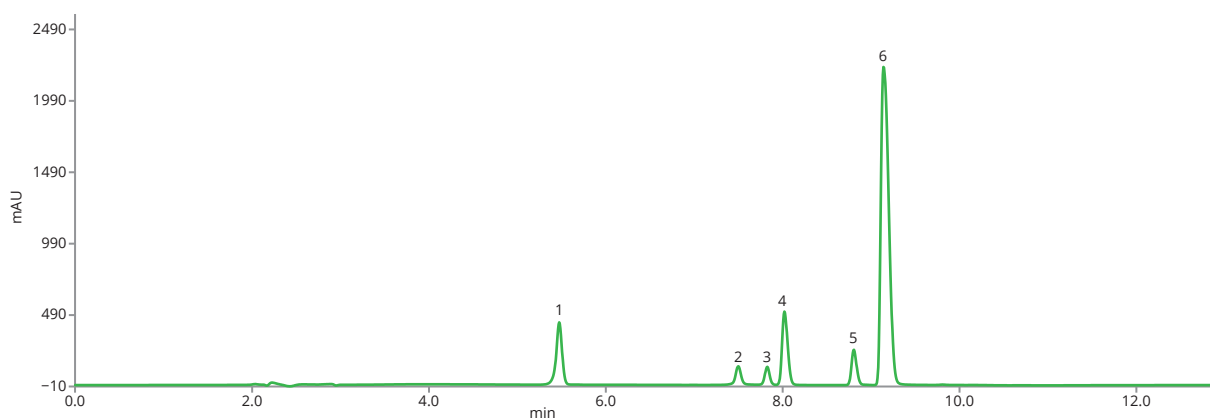
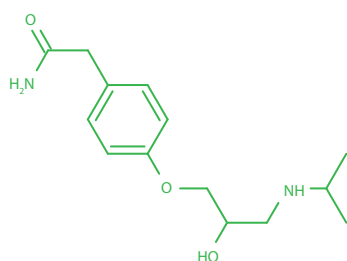


Beta Blockers

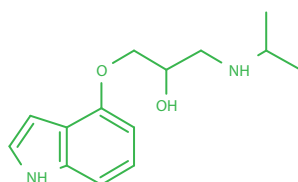
Beta Blockers are also known as beta-adrenergic blocking agents. They are used as a medication that reduces blood pressure.



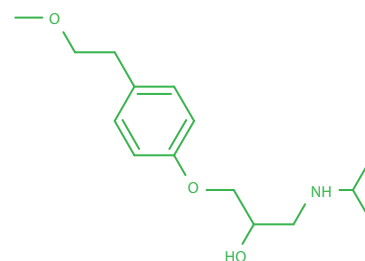
Standard mixture on ASTRA® C18-HE column



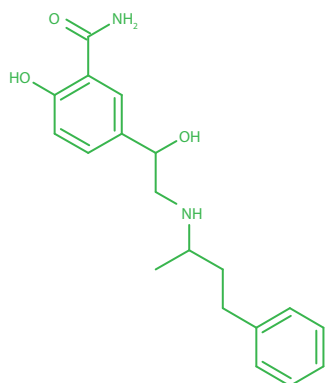
Atenolol



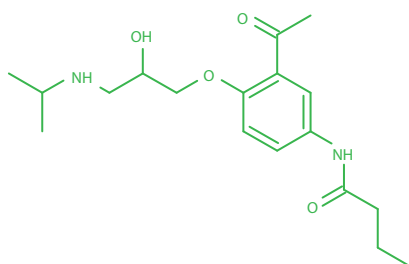
Pindolol



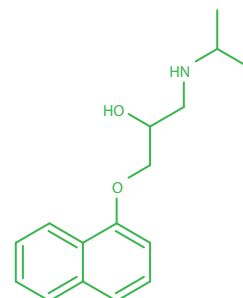
Metoprolol



Labetalol



Acebutolol



Propranolol



Beta Blockers

Column	ASTRA® C18-HE, 5 µm			
Dimensions	150 mm × 4.6 mm			
Part number	AST-5732-LK46			
Mobile phase	A: Phosphate buffer 20mM, pH 2.5 B: ACN			
Gradient elution	Time	A (%)	B (%)	Flow rate (ml/min)
	0	95	5	0.75
	3	85	15	1.00
	8	50	50	1.00
	12	95	5	1.00
	13	95	5	0.75
Flow rate	See gradient table			
Temperature	25 °C			
Injection volume	2.0 µl			
Detection	UV @250 nm			
Analytes	1. Atenolol, CAS No. 29122-68-7 2. Pindolol, CAS No. 13523-86-9 3. Acebutolol, CAS No. 37517-30-9 4. Metoprolol, CAS No. 37350-58-6 5. Labetalol, CAS No. 36894-69-6 6. Propranolol, CAS No. 525-66-6			