

Biogenic Amines, Precursors and Metabolites	
Compounds	
1. Amines	
1.1 Noradrenaline	Urine/Plasma/Tissue
1.2 Adrenaline	Urine/Plasma/Tissue
1.3 Dopamine	Urine/Plasma/Tissue
1.4 Serotonin	Urine/Plasma/Tissue
1.5 Octopamine	Urine/Plasma/Tissue
1.6 Tyramine	Urine/Plasma/Tissue
2. O-methylated amines	
2.1 Normetanephrine	Urine/Plasma/Tissue
2.2 Metanephrine	Urine/Plasma/Tissue
2.3 3-Methoxytyramine	Urine/Plasma/ Tissue
3. Acidic und neutral metabolites	
3.1 3,4-Dihydroxy-phenyl acetic acid	Urine/Plasma/ Tissue
3.2 4-Hydroxy-3-methoxy-phenyl acetic acid	Urine/Plasma/ Tissue
3.3 4-Hydroxy-3-methoxymandelic acid	Urine/Plasma/ Tissue
3.4 5-Hydroxy-indol acetic acid	Urine/Plasma/ Tissue
3.5 4-Hydroxy-3-methoxyphenylglycol	Urine/Plasma/ Tissue
3.6 4-Hydroxy-3-methoxyphenylethanol	Urine/Plasma/ Tissue
3.7 5-Hydroxytryptophol	Urine/Plasma
3.8 3,4-Dihydroxyphenylglycol	Urine/Plasma/ Tissue
3.9 3,4-Dihydroxyphenylethanol	Urine/Plasma
4. Precursors and their metabolites	

4.1	3,4-Dihydroxyphenylalanine	Urine/Plasma
4.2	3-Methoxytyrosine	Urine/Plasma
4.3	5-Hydroxytryptophan	Urine/Plasma
4.4	Tyrosine	Urine/Plasma
4.5	Phenylalanine	Urine/Plasma
4.6	Tryptophan	Urine/Plasma



Thanares

bioanalytics and phytomedical research