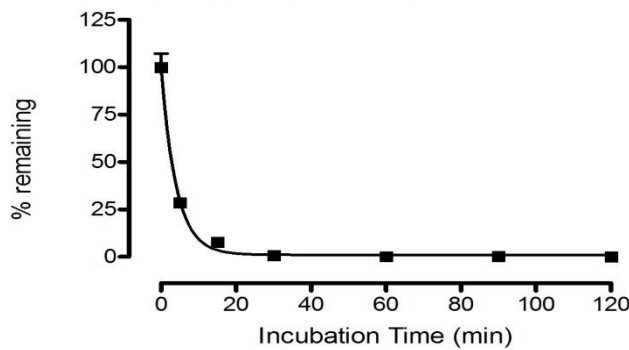
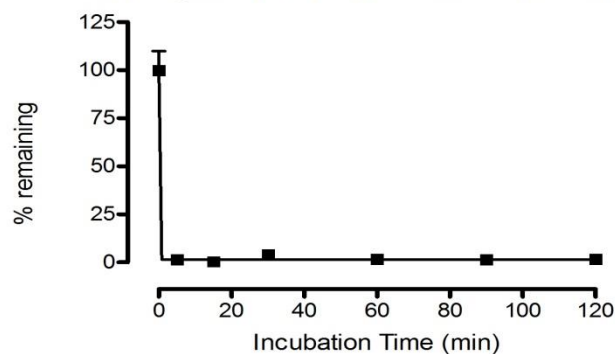


ICR/CD1 Mouse Liver Microsomes

Product Number	LM-XS-02F	Lot Number	ZCZL																				
Gender	Female	Number of Animal in Pool	50																				
Date of Preparation	2022-06	Storage Condition	-70°C																				
(1) Specification																							
Protein Content (mg/mL)			20																				
Volume per vial (mL)			0.5																				
Amount of protein per vial (mg/vial)			10																				
(2) Enzyme Characterization																							
Phenotyping Reaction	Substrate	Enzyme activity (pmole/mg/min)																					
	(μM)	Mean	SD																				
Testosterone 6β-hydroxylation	40	1101	8.33																				
7-hydroxylation Coumarin Glucuronidation	30	1158	239																				
(3) <i>In vitro</i> intrinsic clearance																							
Probe Substrate	(μM)	T _{1/2} (min)	Clint(μL/min/mg protein)																				
Testosterone	1.0	4.20	165																				
7-OH Coumarin	1.0	2.04	340																				
(4) <u>Figure</u>																							
Stability of Testosterone in Female CD1 Mouse liver Microsomes ZCZL(1mg/mL protein), Testosterone(1μM)																							
 <table><caption>Data points for Testosterone stability graph</caption><tr><th>Incubation Time (min)</th><th>% remaining</th></tr><tr><td>0</td><td>100</td></tr><tr><td>5</td><td>25</td></tr><tr><td>10</td><td>10</td></tr><tr><td>20</td><td>5</td></tr><tr><td>40</td><td>2</td></tr><tr><td>60</td><td>1</td></tr><tr><td>80</td><td>1</td></tr><tr><td>100</td><td>1</td></tr><tr><td>120</td><td>1</td></tr></table>				Incubation Time (min)	% remaining	0	100	5	25	10	10	20	5	40	2	60	1	80	1	100	1	120	1
Incubation Time (min)	% remaining																						
0	100																						
5	25																						
10	10																						
20	5																						
40	2																						
60	1																						
80	1																						
100	1																						
120	1																						

**Stability of 7-OH Coumarin in Female CD1 Mouse liver Microsomes
ZCZL(1mg/mL protein), 7-OH Coumarin(1 μ M)**



Prepared by	Yi Sun	Signature	<i>Yi Sun</i>
Reviewed by	Zhubing Hao	Signature	<i>Zhubing Hao</i>
Approved by	Ming Wu	Signature	<i>Ming Wu</i>